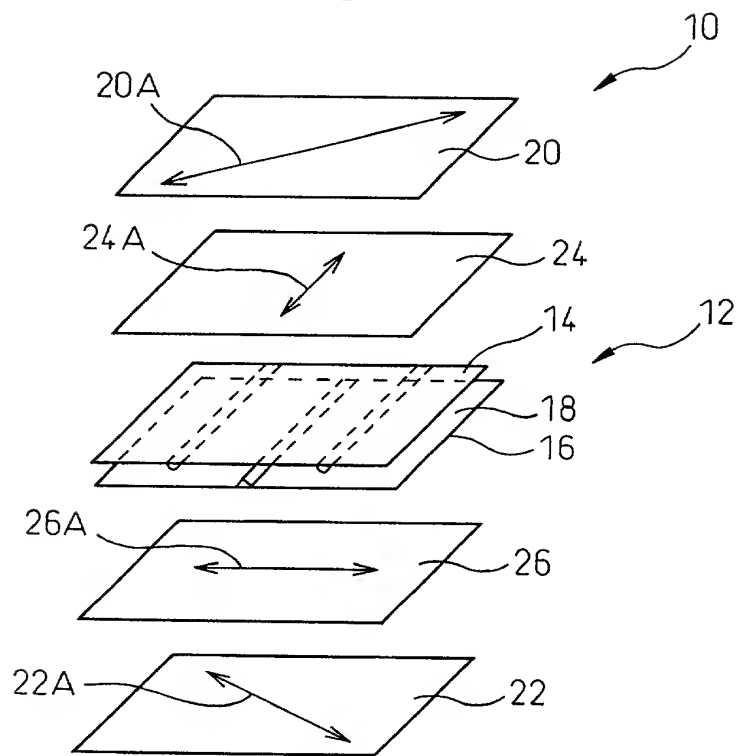


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Fig.1



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Fig.2

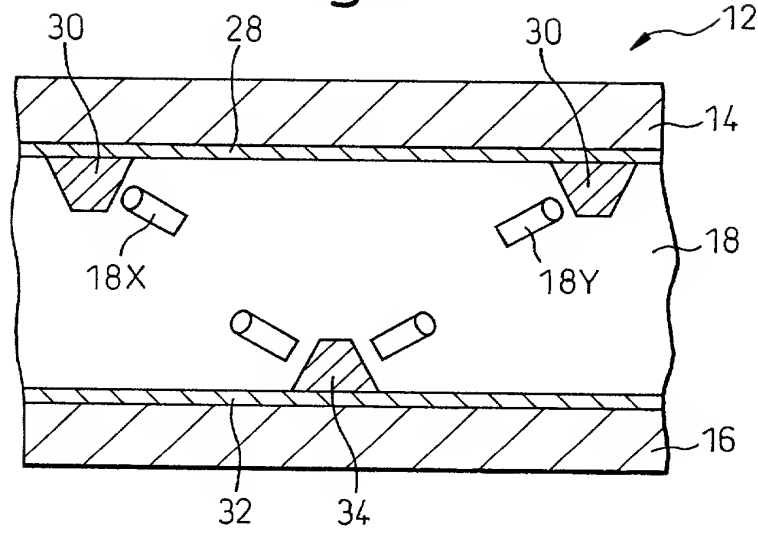
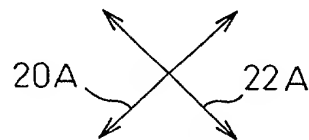
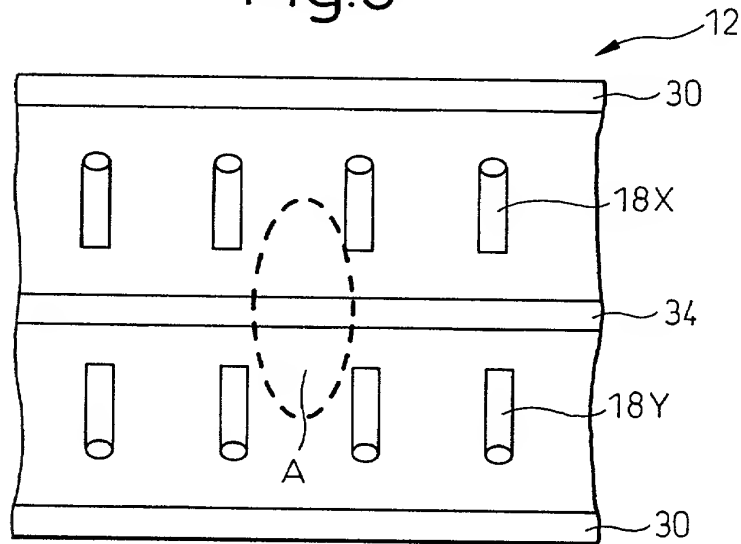


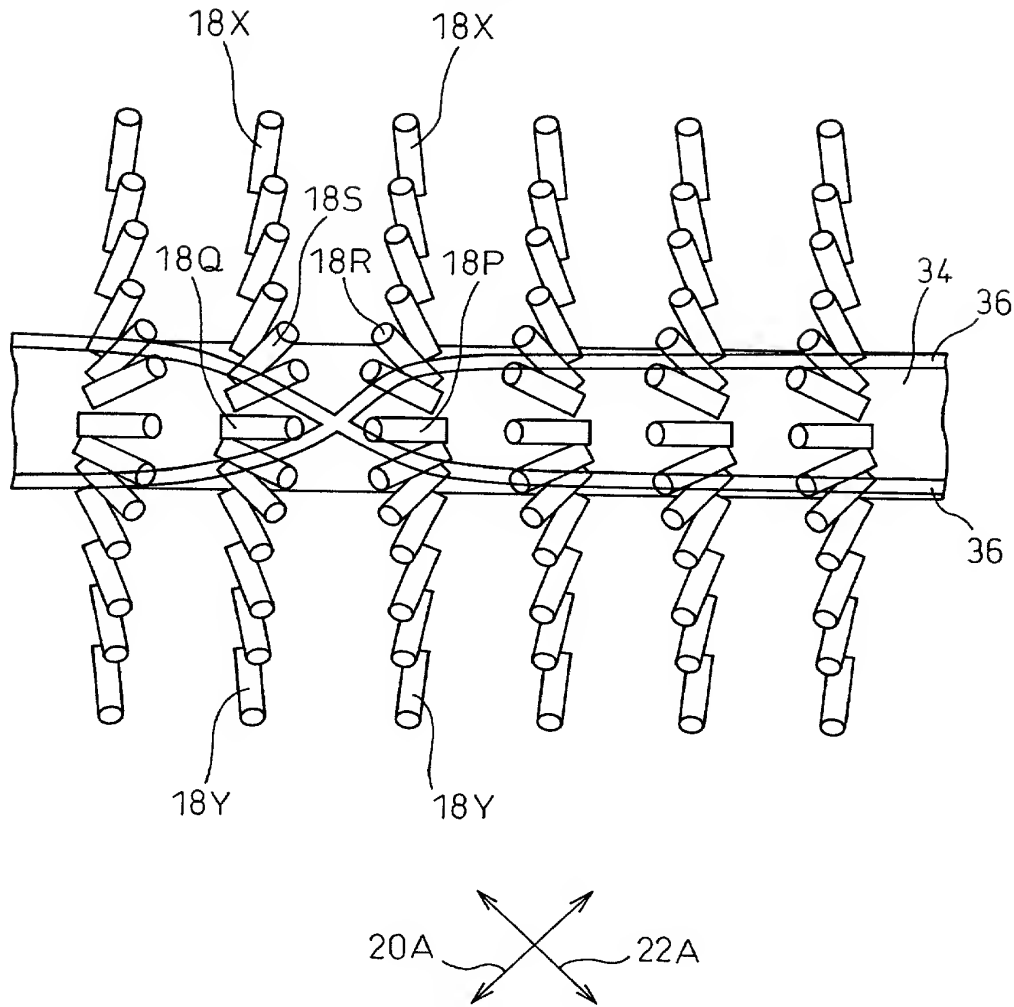
Fig.3



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Fig.4



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Fig.5

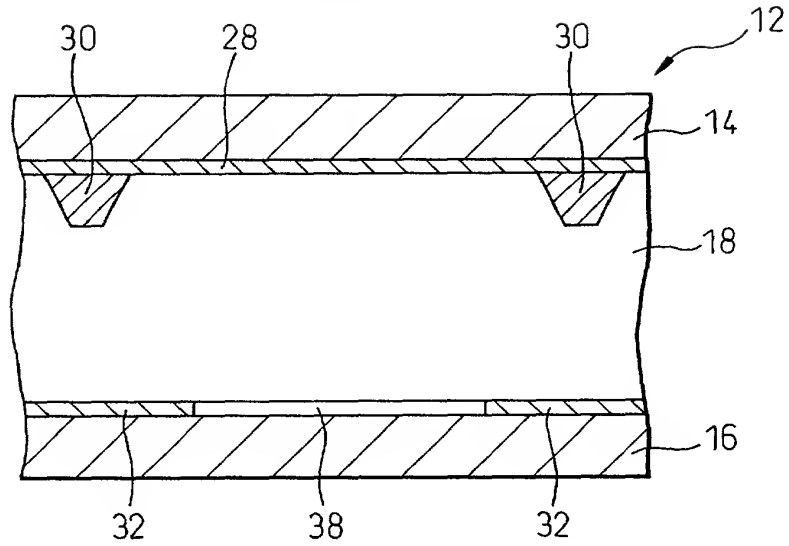
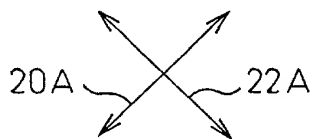
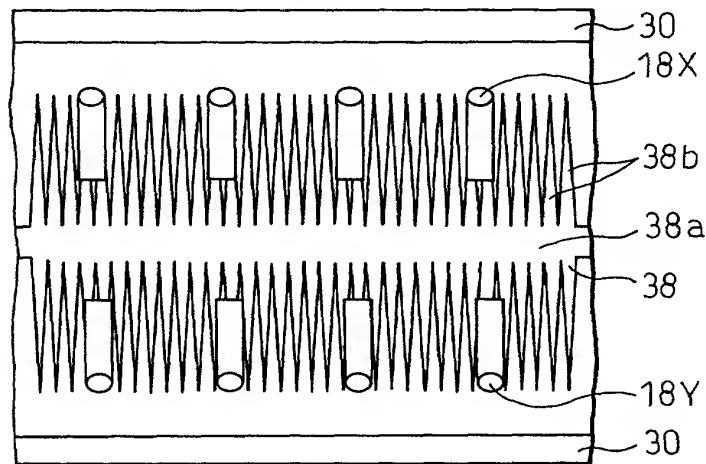
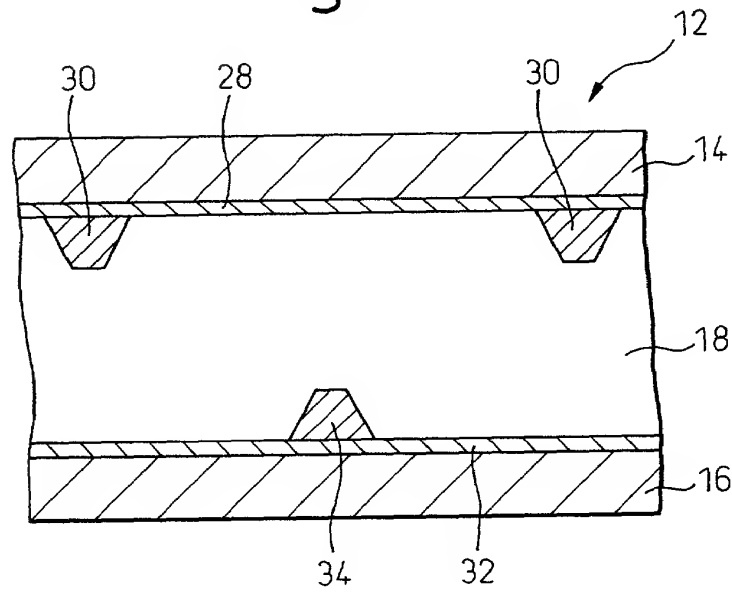


Fig.6



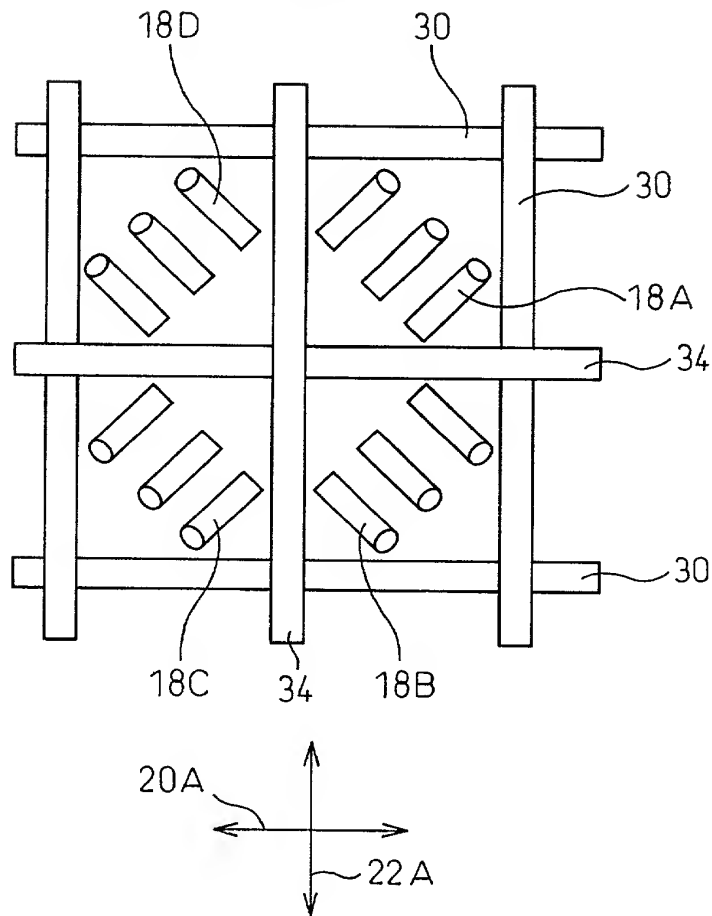
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Fig.7



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Fig.8



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Fig.9

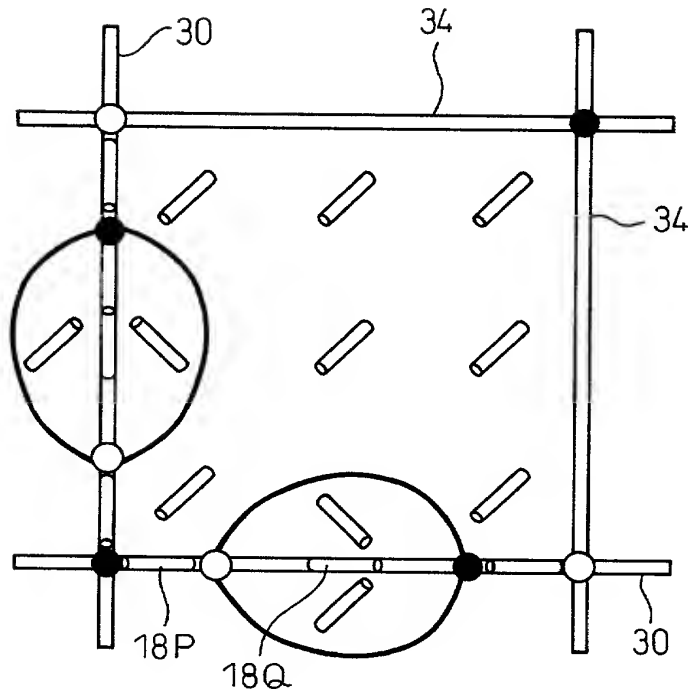
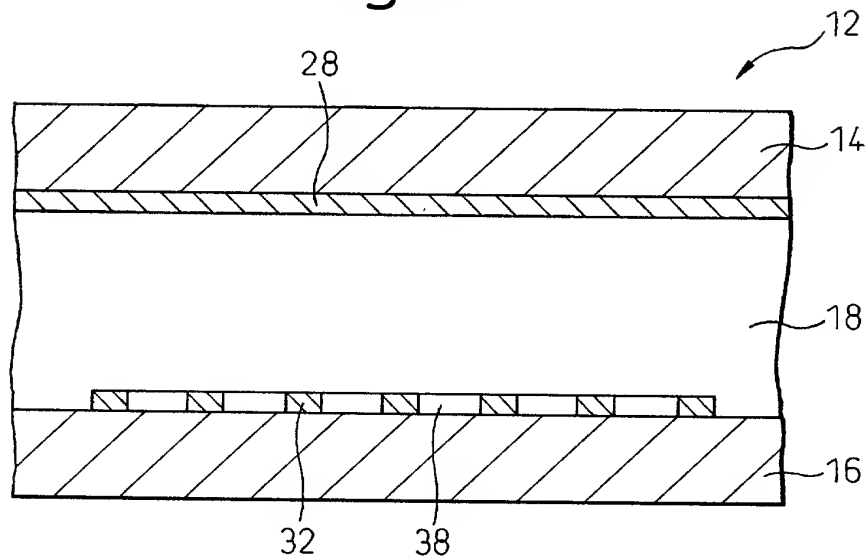


Fig.10



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Fig.11

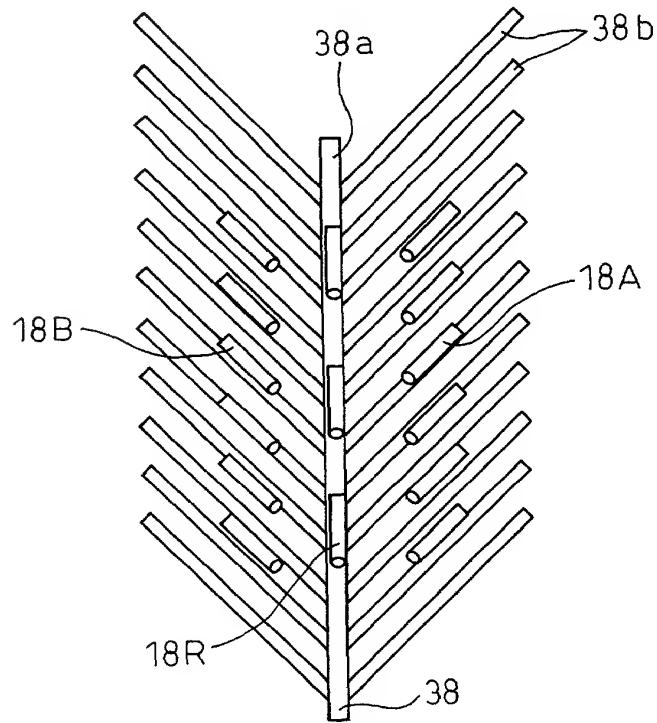
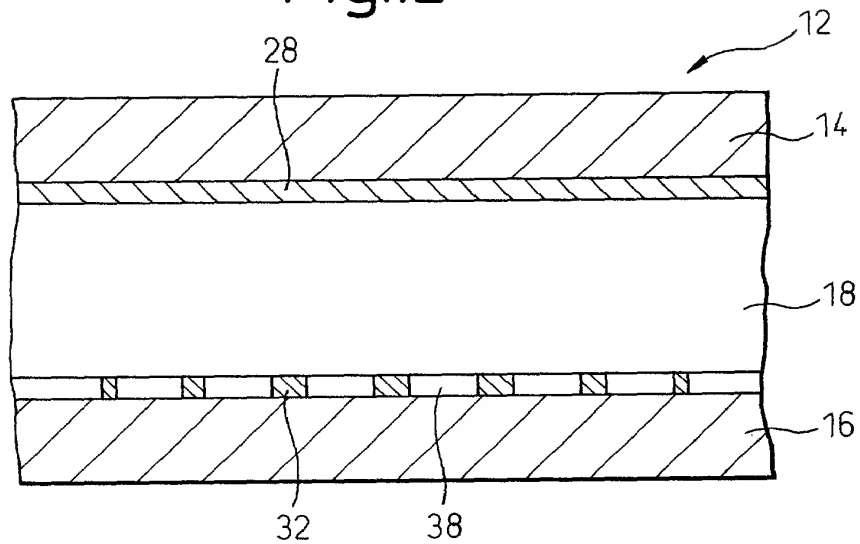
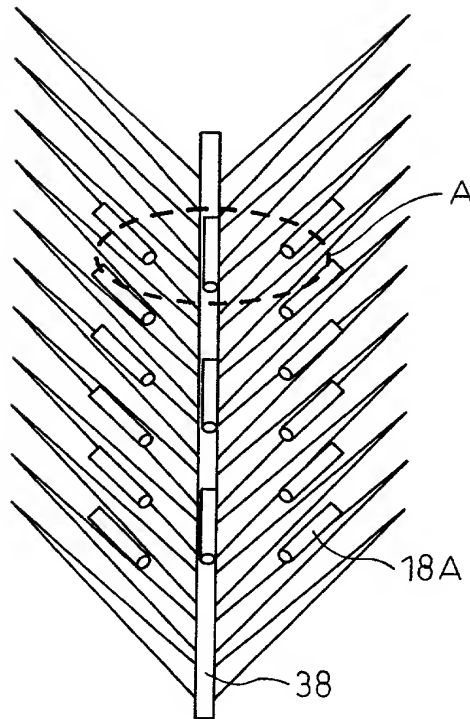


Fig.12



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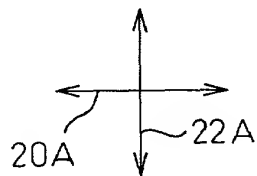
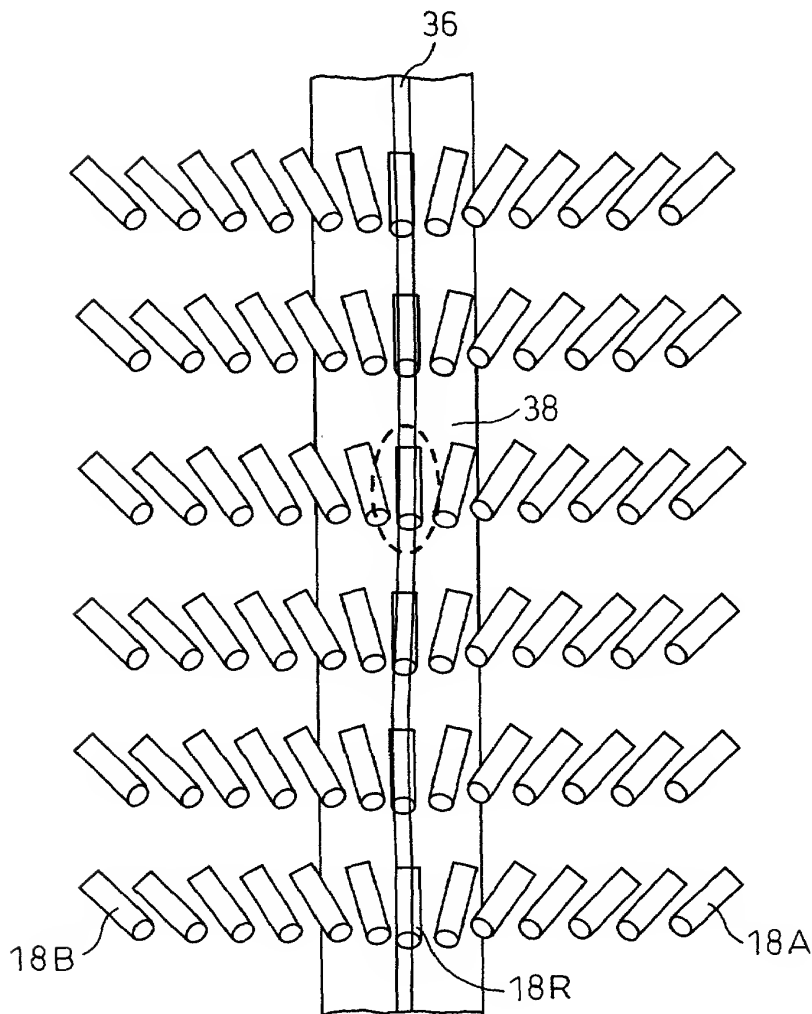
Fig.13



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Fig.14



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Fig.15A

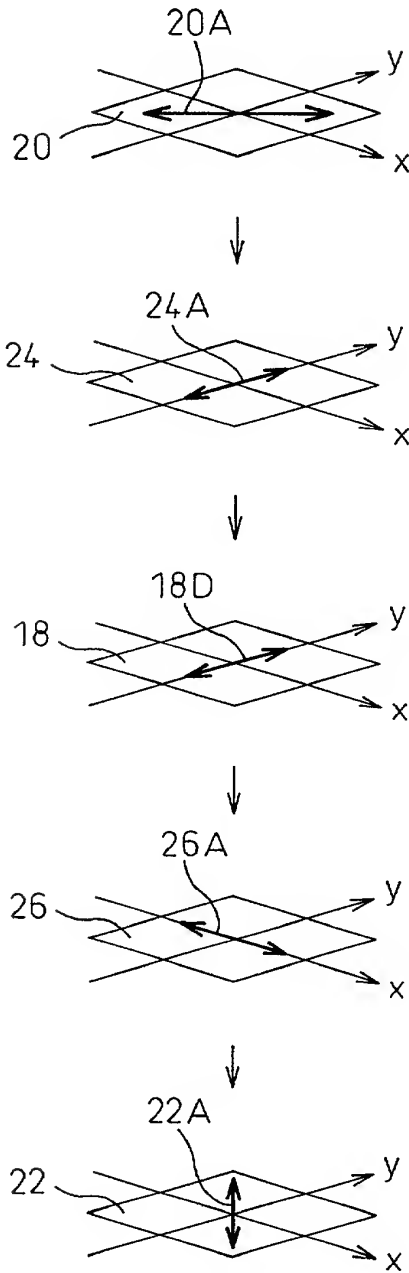
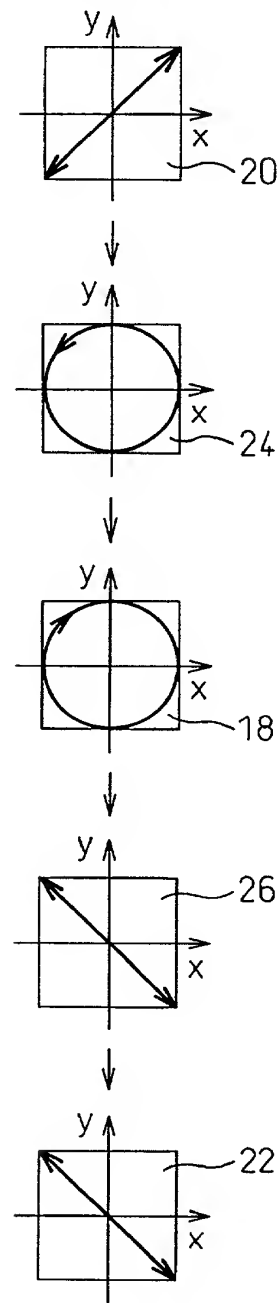
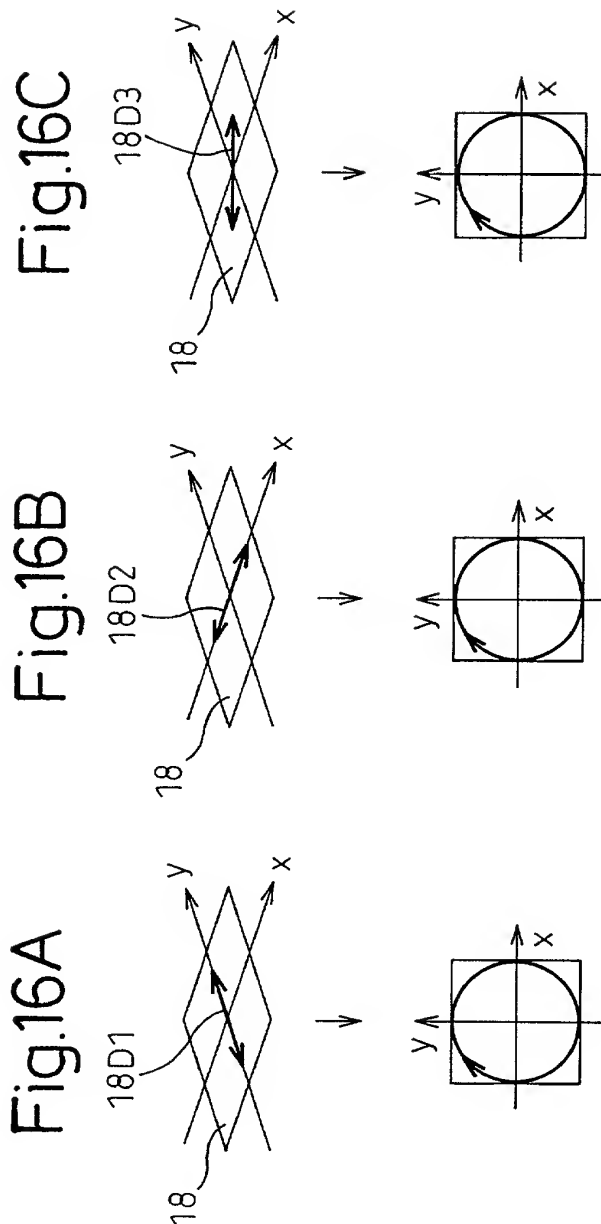


Fig.15B



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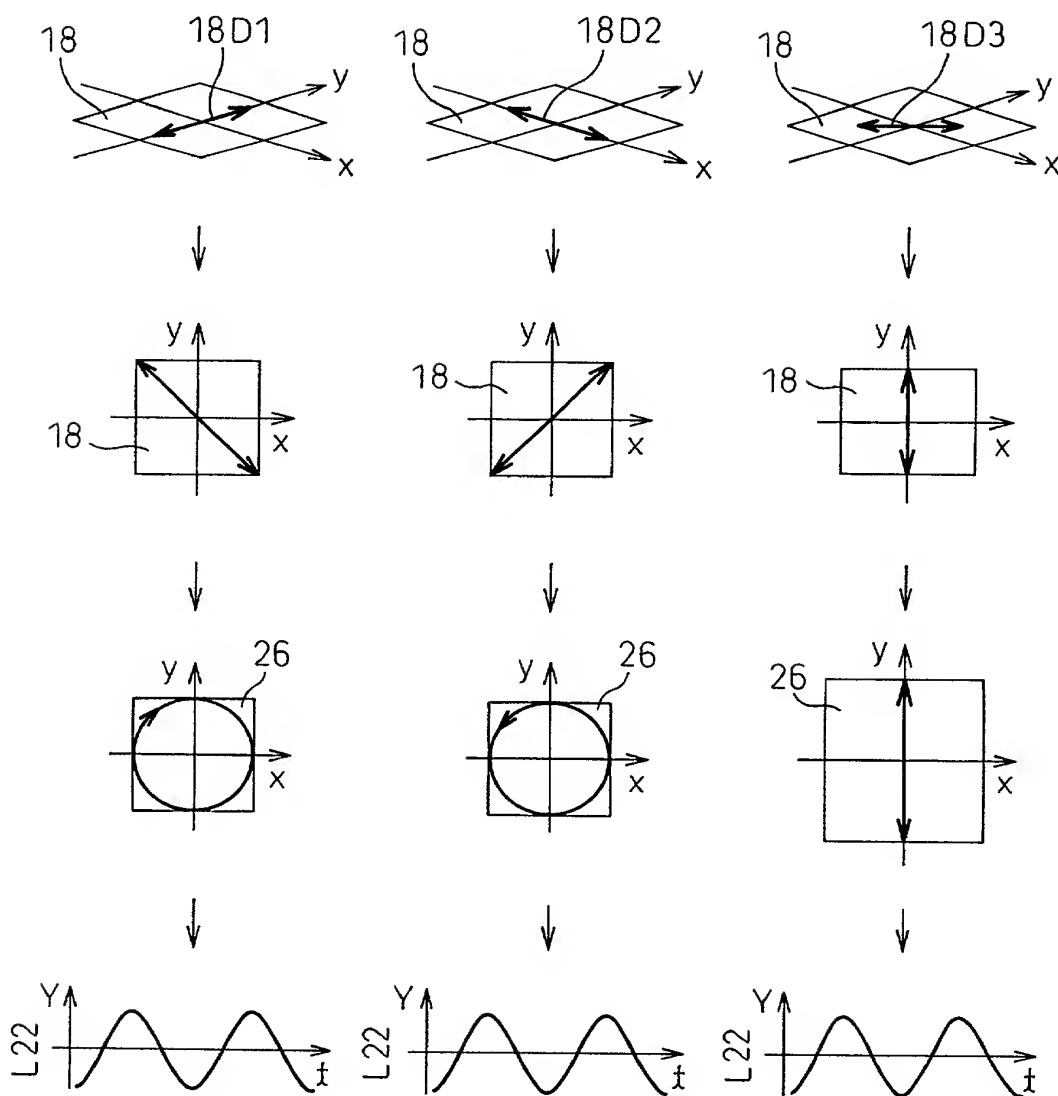


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Fig.17A

Fig.17B

Fig.17C



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Fig.18

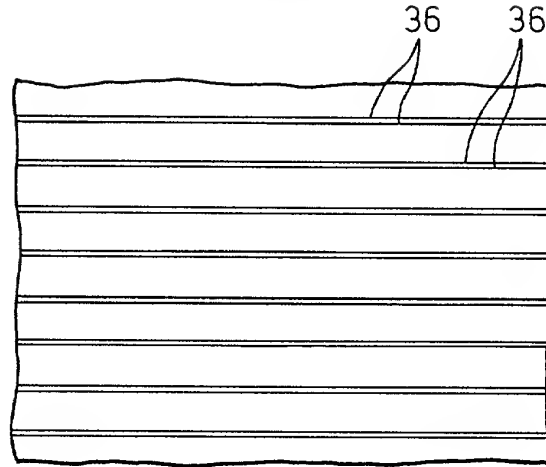
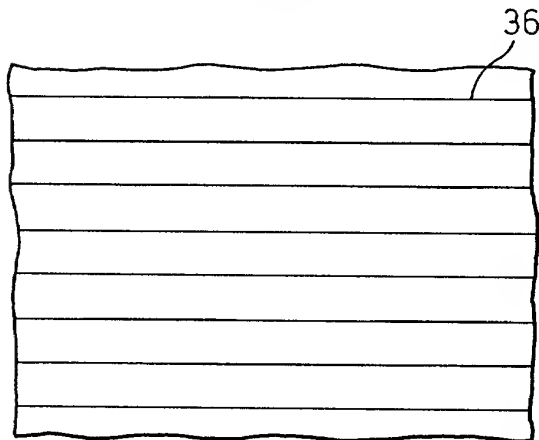


Fig.19



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Fig.20A

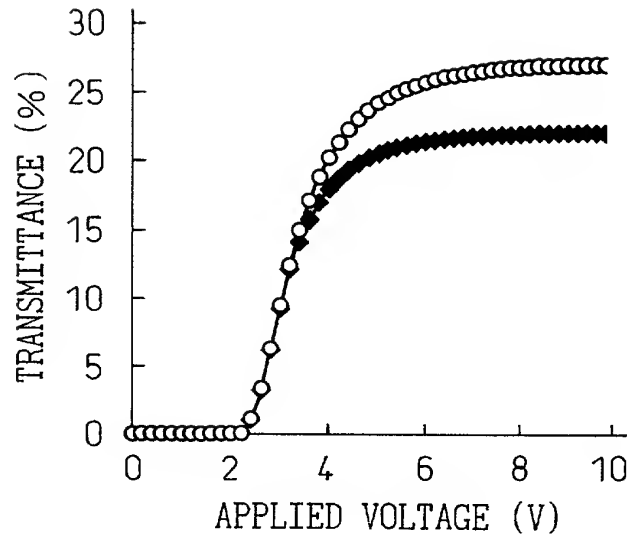
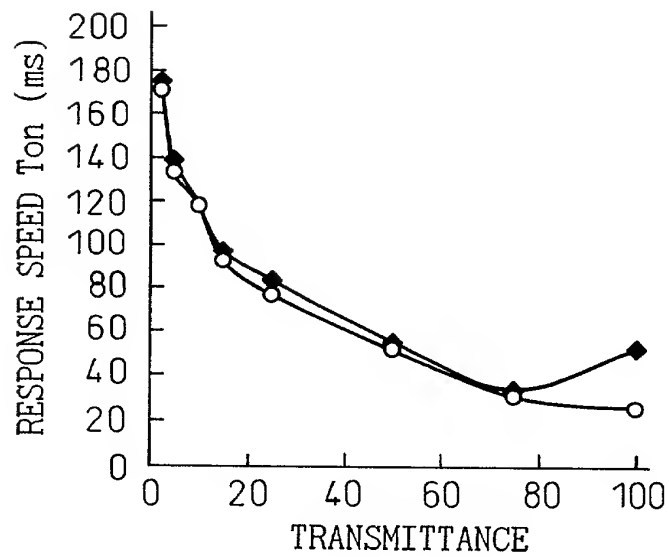


Fig.20B



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Fig.21

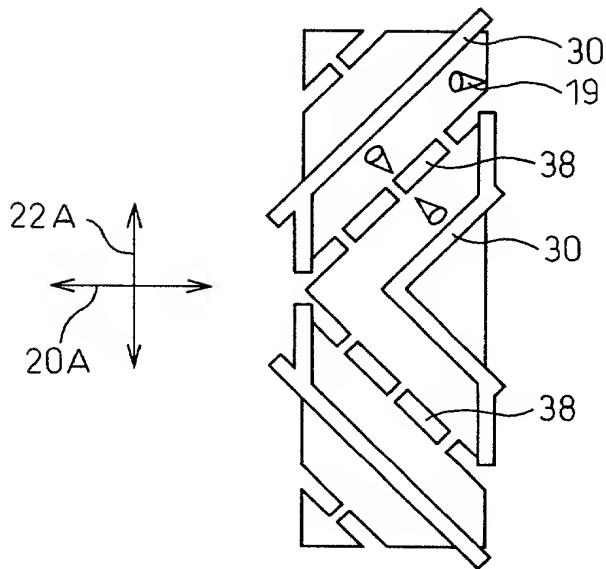
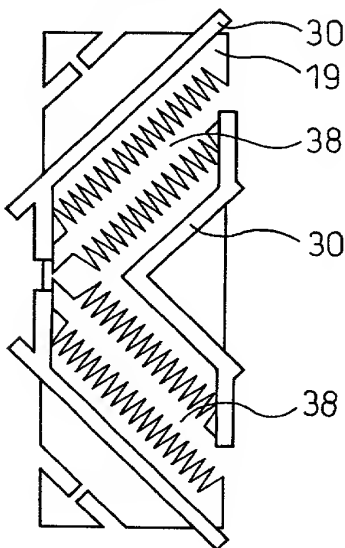


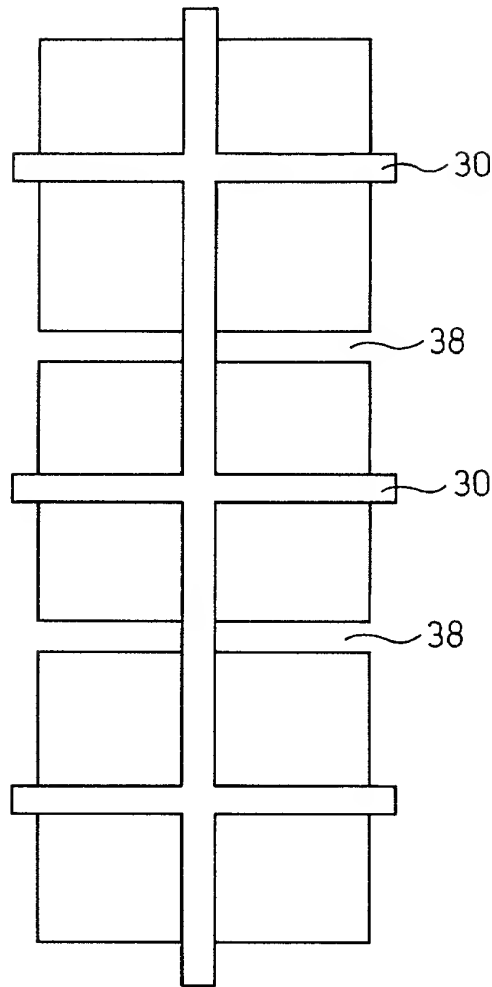
Fig.22



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Fig.23



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Fig.24

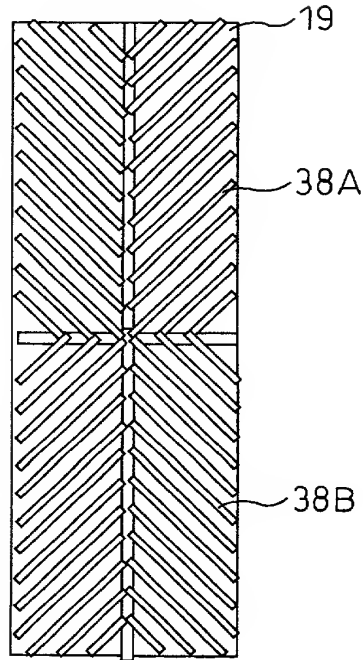
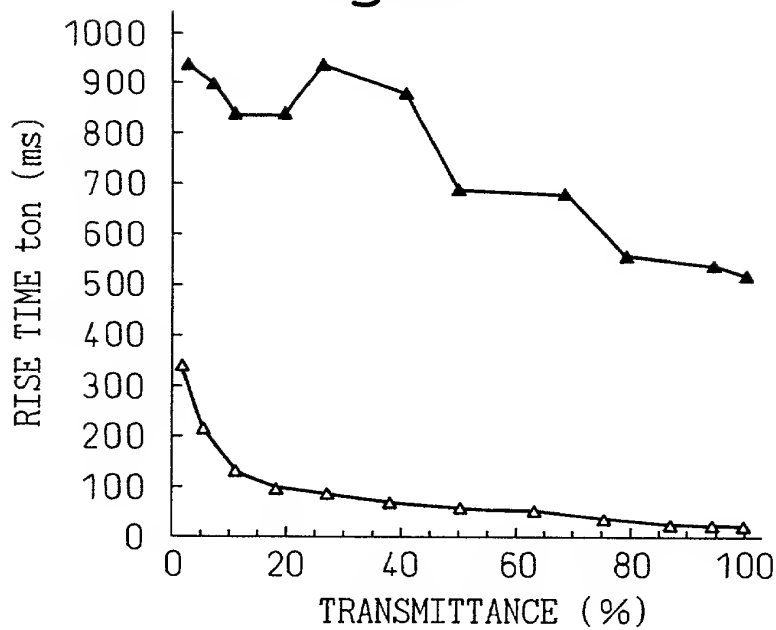


Fig.25



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Fig.26

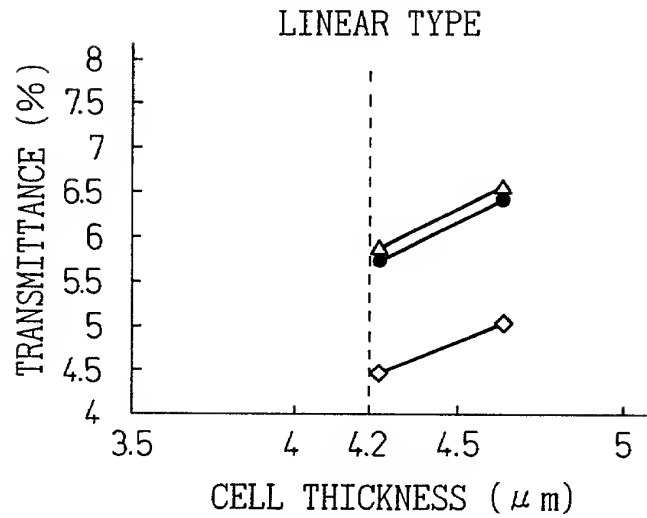
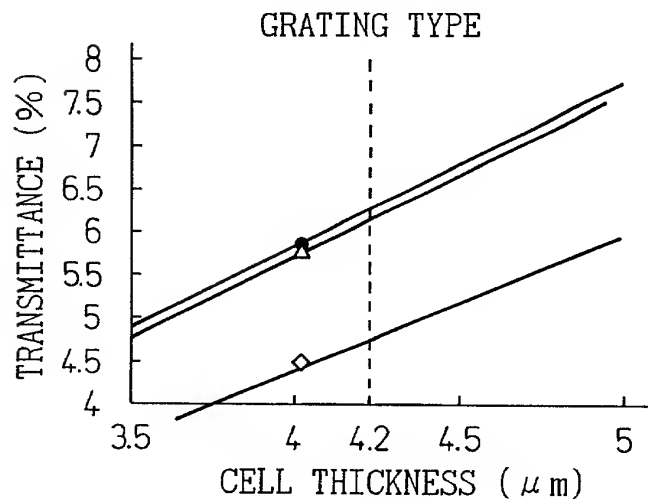


Fig.27



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Fig.28

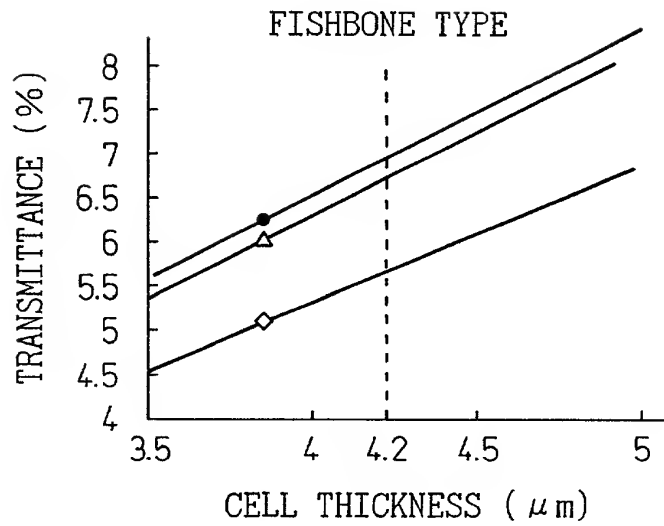
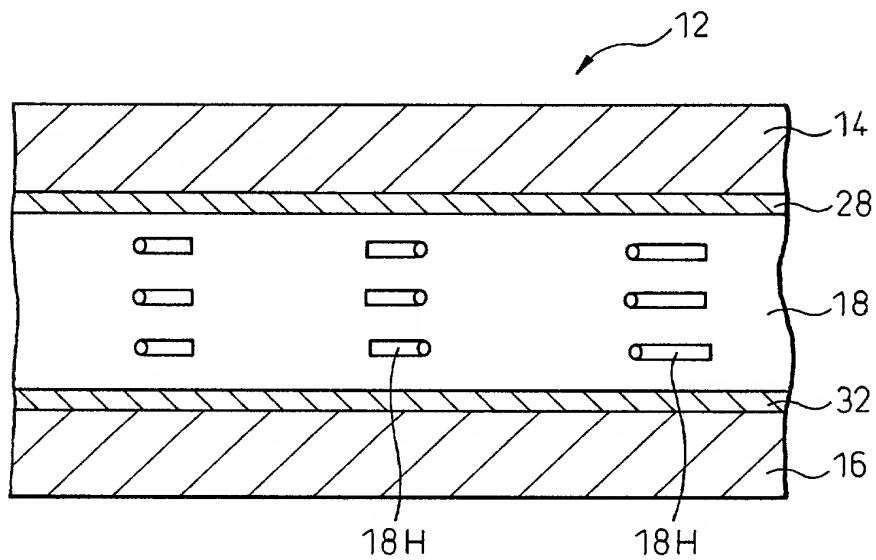
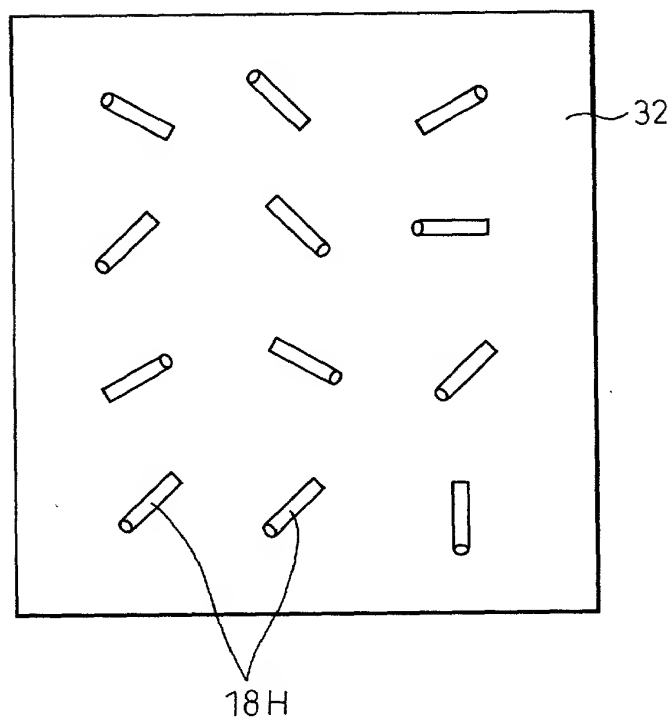


Fig.29



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Fig.30



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Fig.31

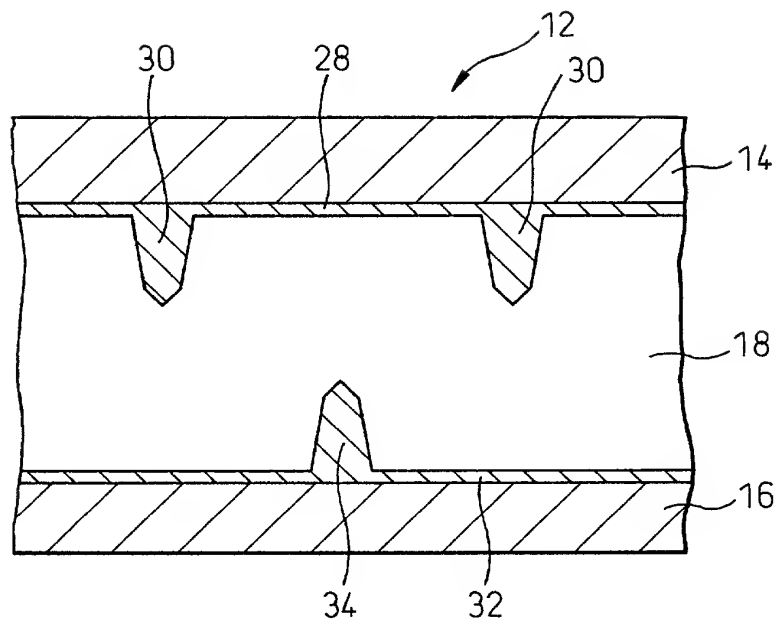
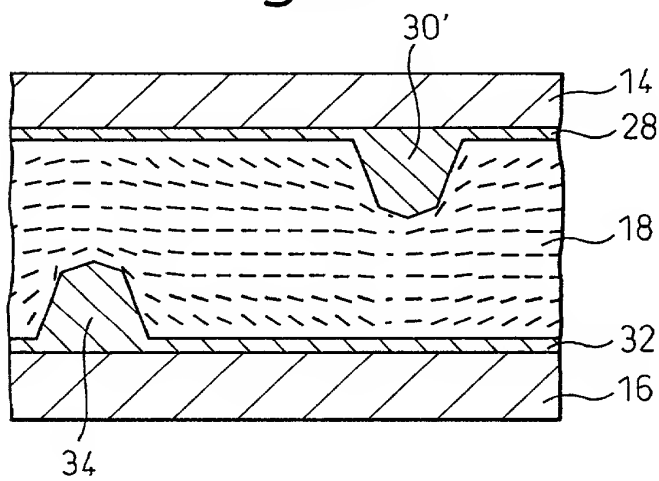


Fig.32



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Fig.33

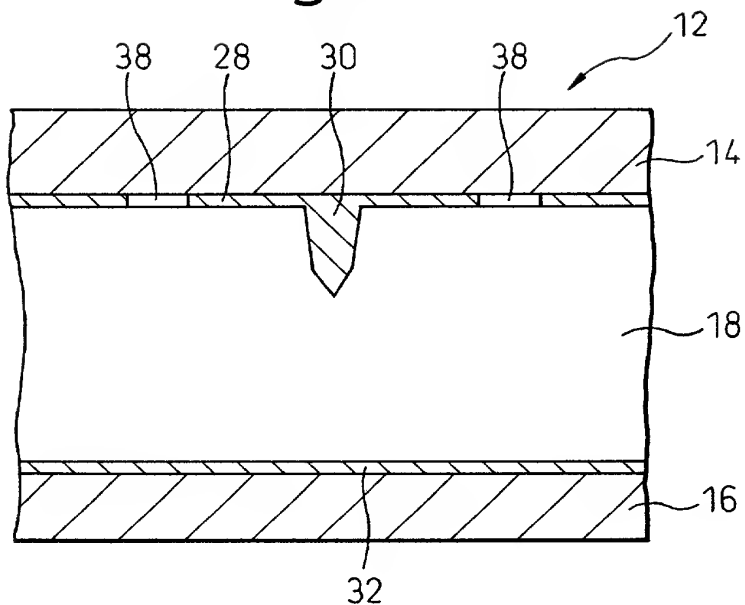
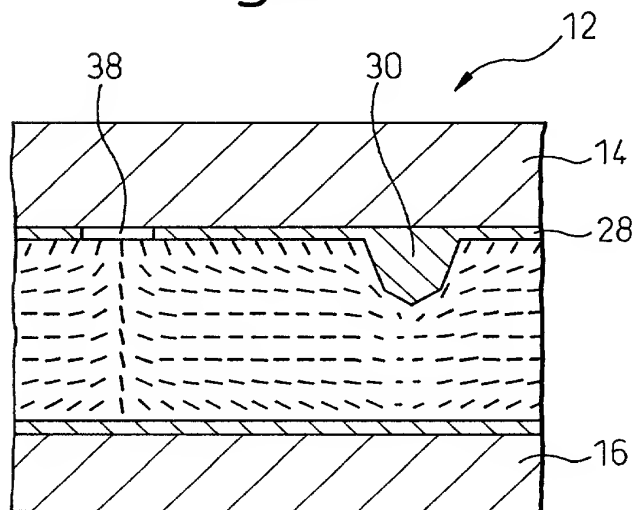


Fig.34



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Fig.35

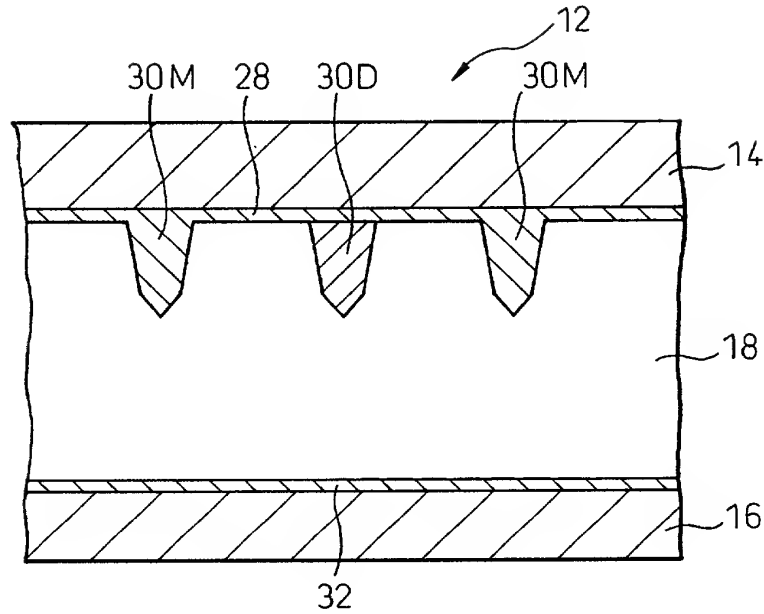
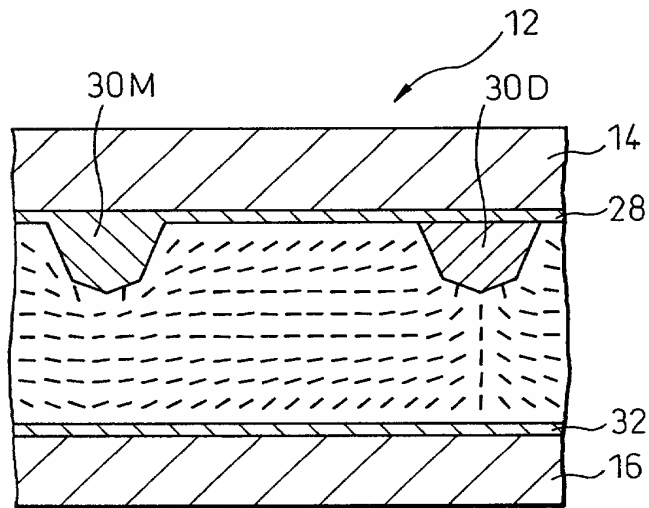


Fig.36



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Fig.37A

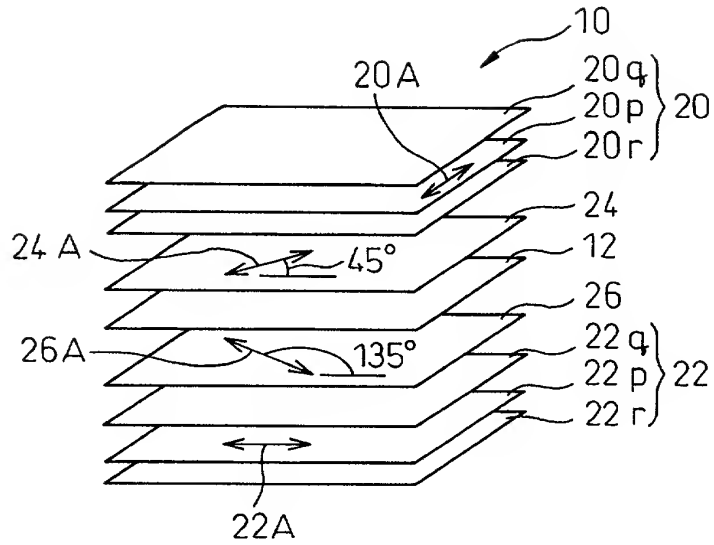


Fig.37B

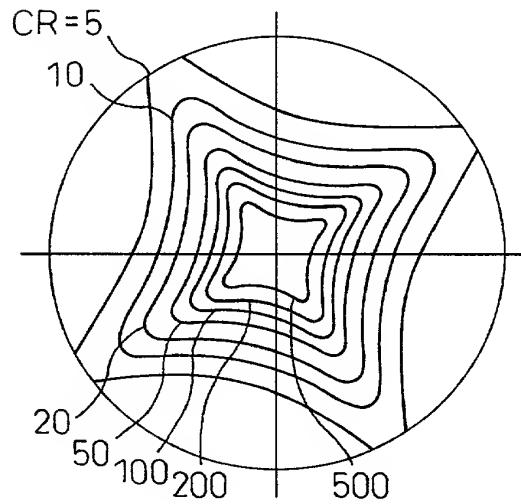
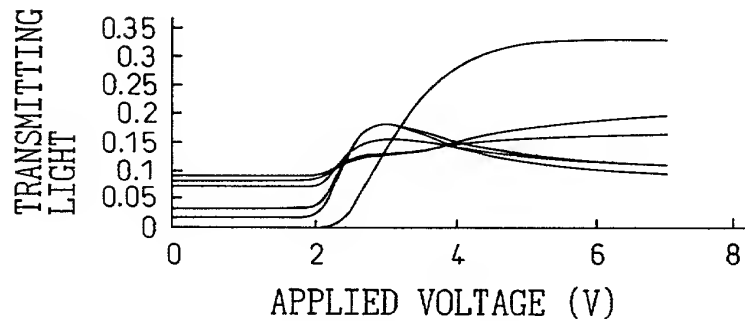
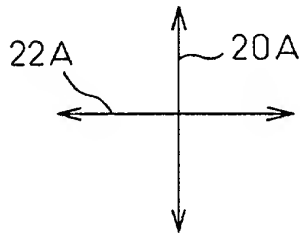
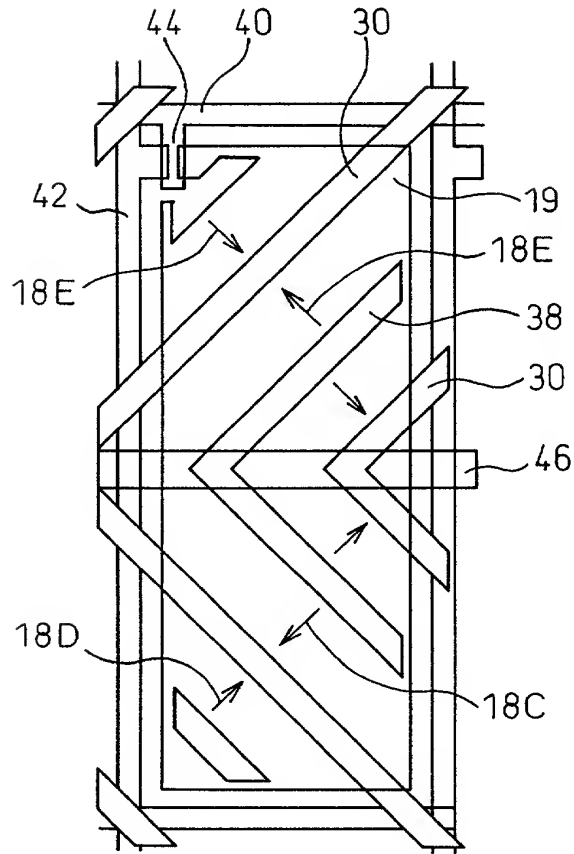


Fig.37C



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Fig.38



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Fig.39A

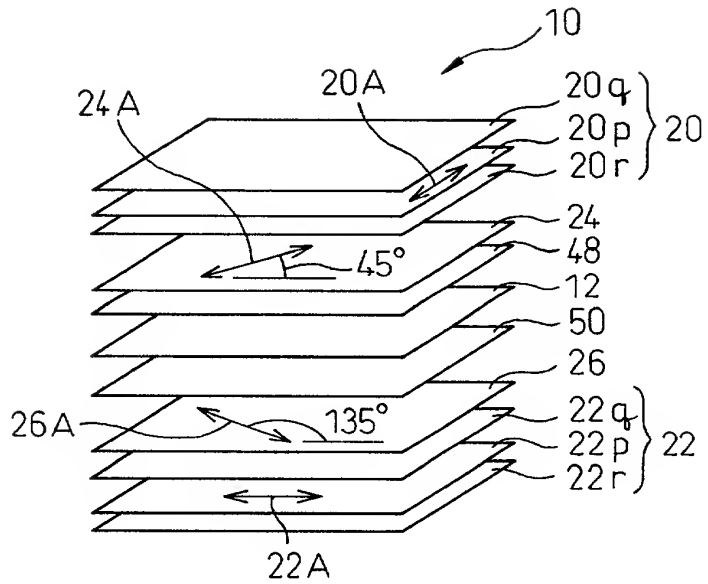


Fig.39B

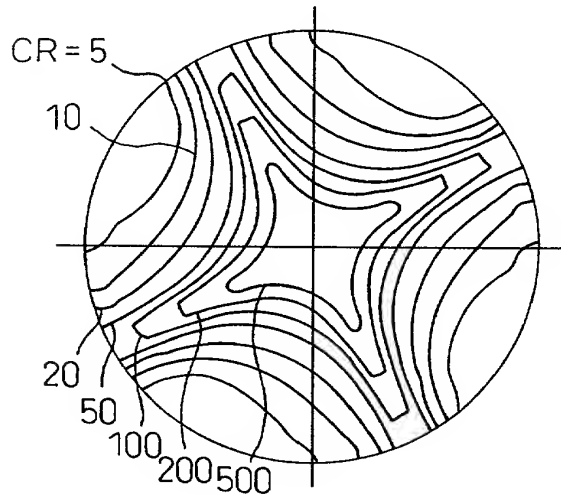
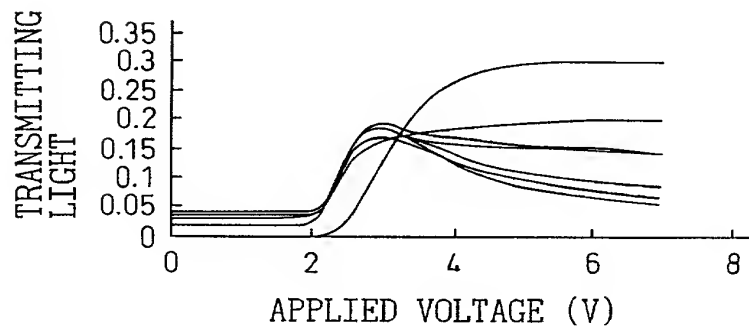


Fig.39C



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Fig.40A

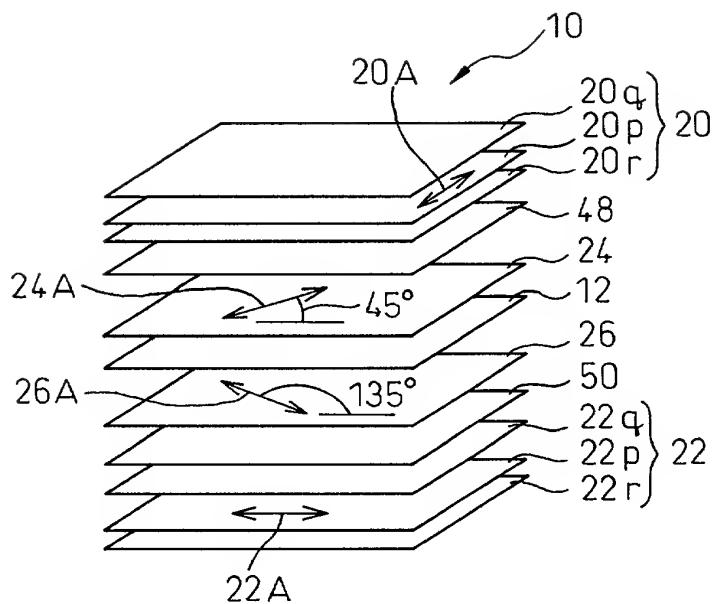
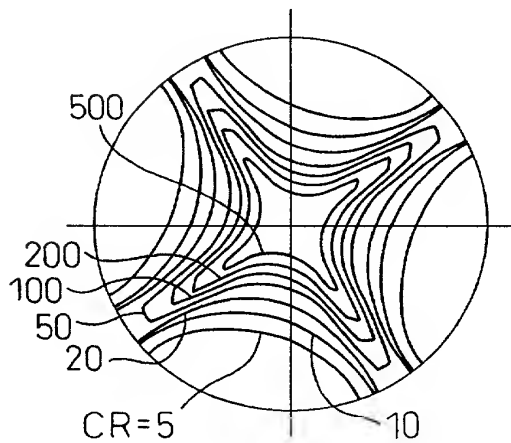


Fig.40B



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Fig.41A

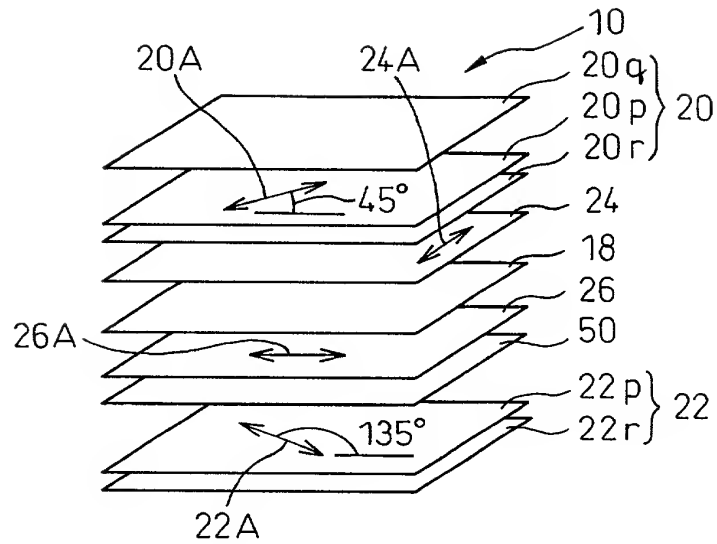


Fig.41B

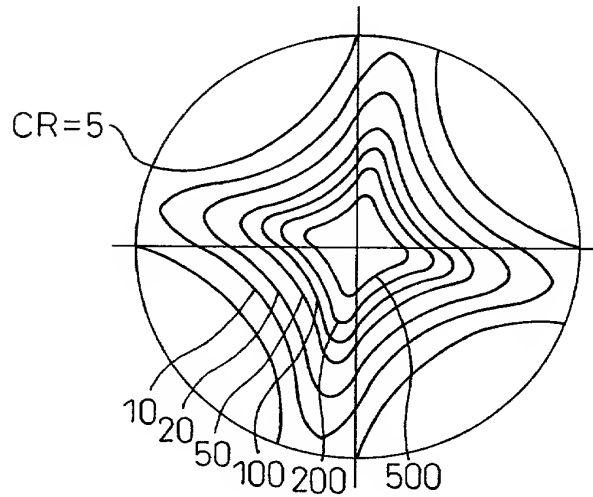
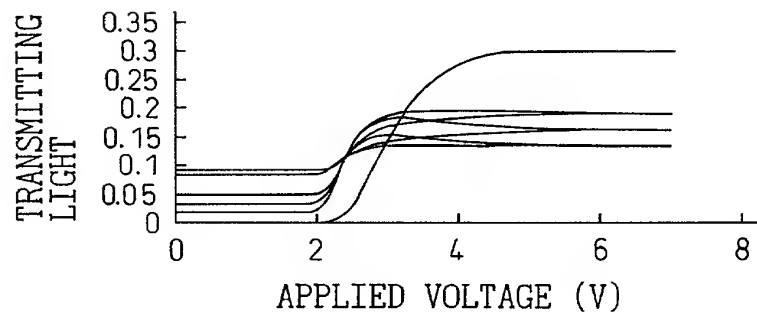


Fig.41C



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Fig.42A

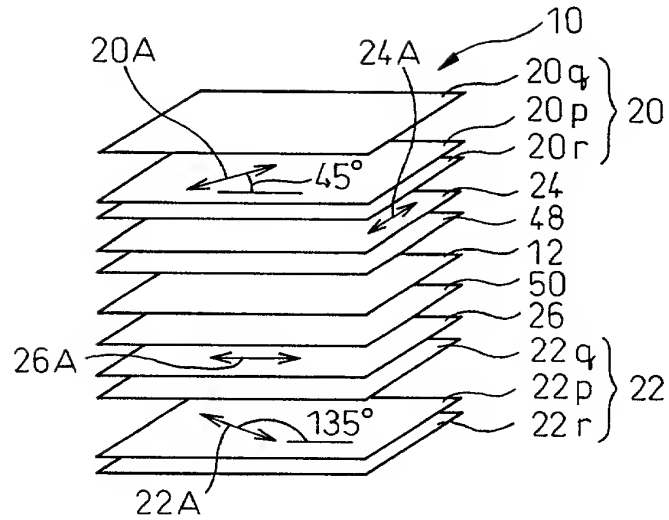


Fig.42B

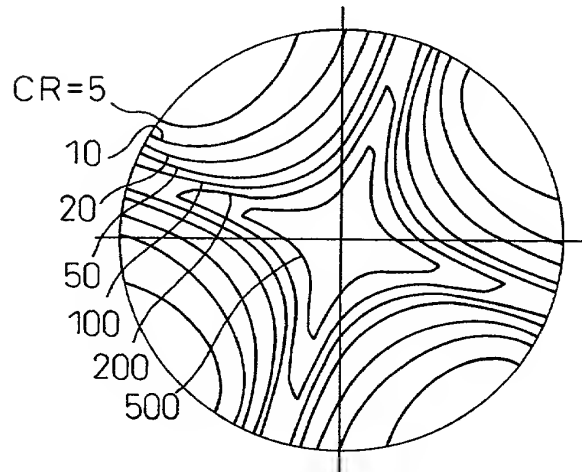
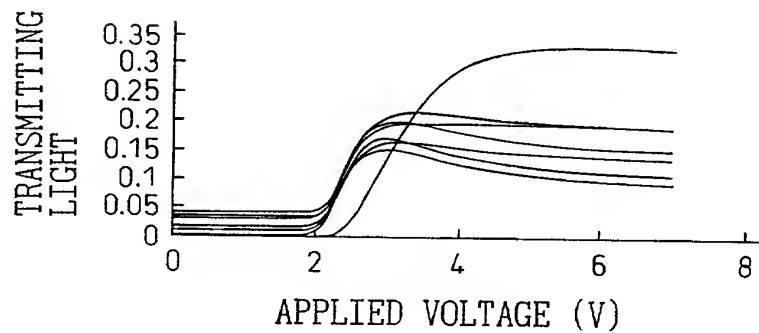


Fig.42C



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Fig.43A

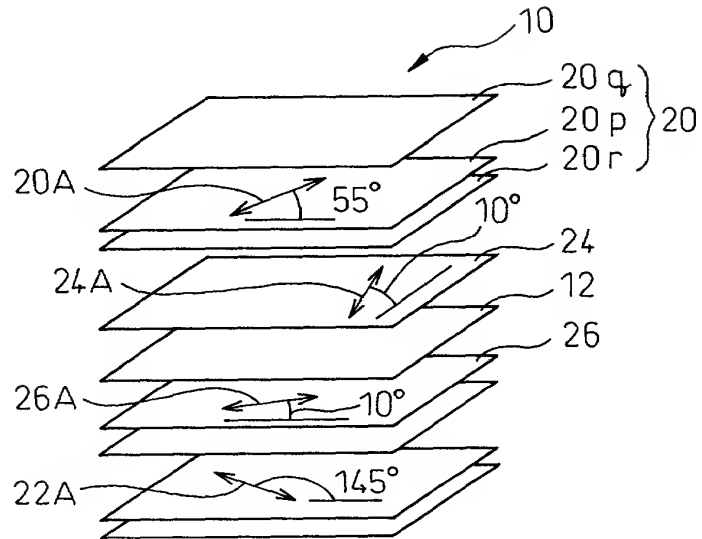


Fig.43B

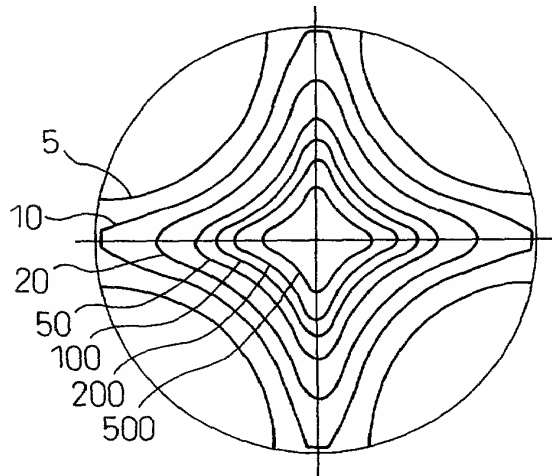
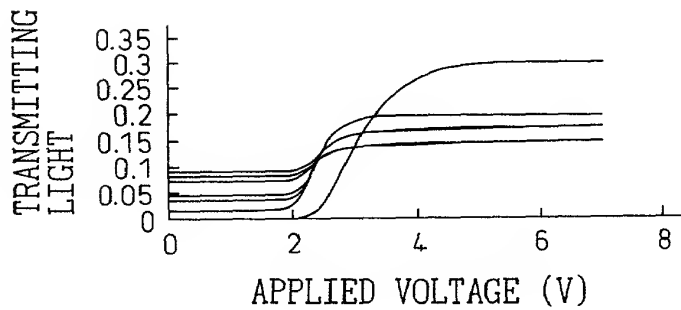


Fig.43C



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Fig.44A

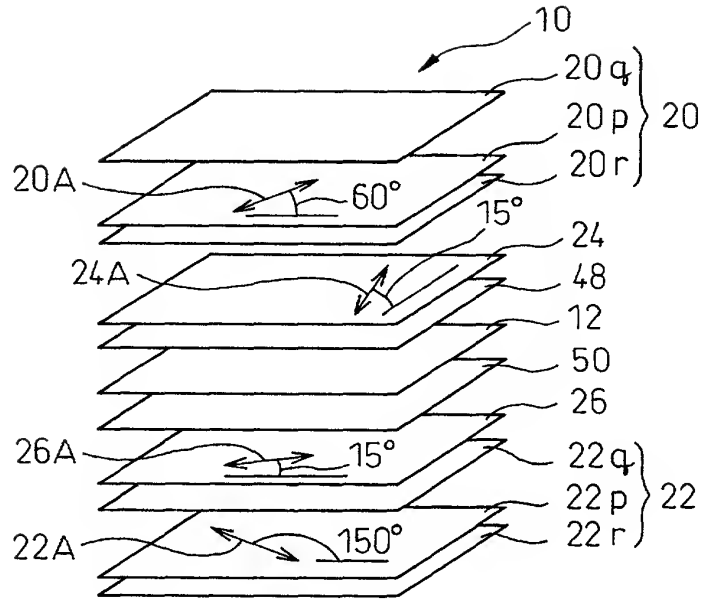


Fig.44B

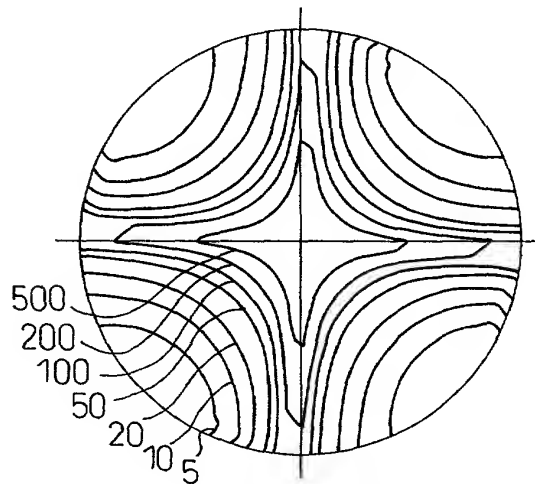
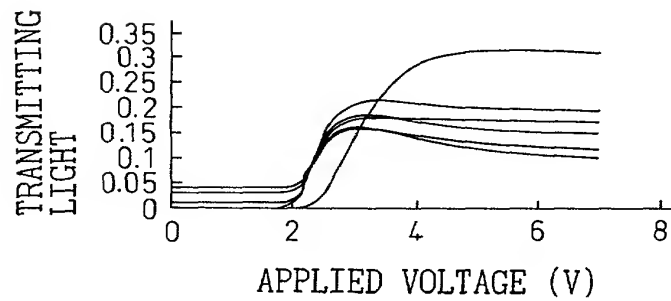


Fig.44C



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Fig.45A

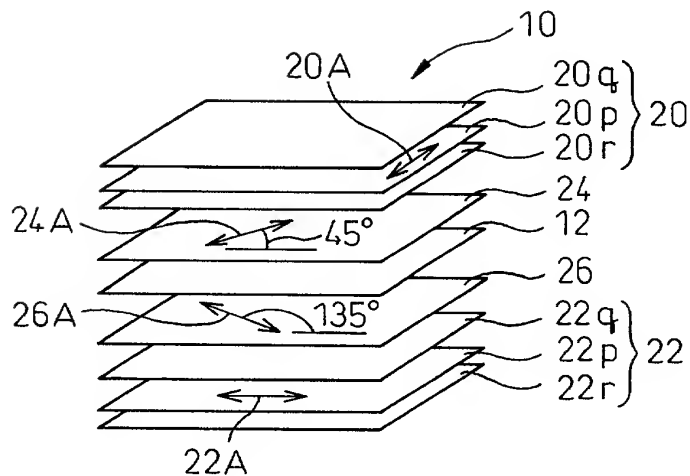


Fig.45B

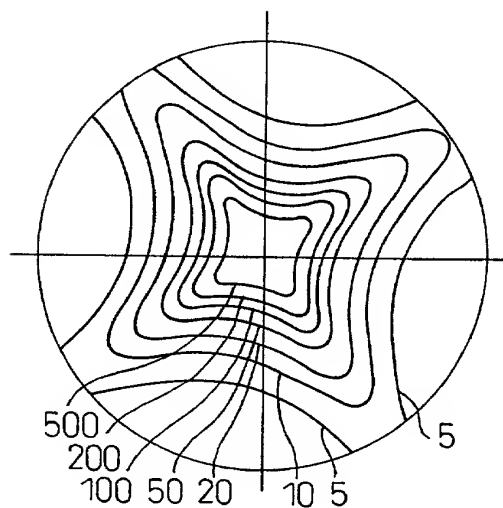
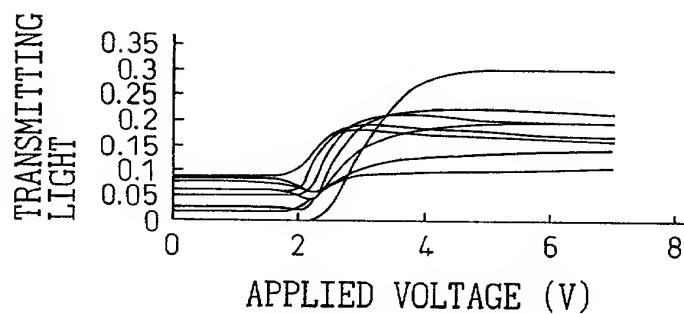


Fig.45C



A line graph showing the relationship between Transmitted Light (Y-axis) and Applied Voltage (V) (X-axis) for various concentrations of the solution. The Y-axis ranges from 0 to 0.35 with increments of 0.05. The X-axis ranges from 0 to 8 with increments of 2. There are five curves, each representing a different concentration. All curves start at a low, constant value of transmitted light (around 0.02 to 0.04) for low applied voltages (0 to 2 V). As the applied voltage increases beyond 2 V, the transmitted light increases for all concentrations. The curves eventually level off at higher voltages. The final transmitted light values at 8 V range from approximately 0.04 to 0.31. The curve that levels off at the highest value (around 0.31) corresponds to the highest concentration, while the curve that levels off at the lowest value (around 0.04) corresponds to the lowest concentration.

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Fig.47A

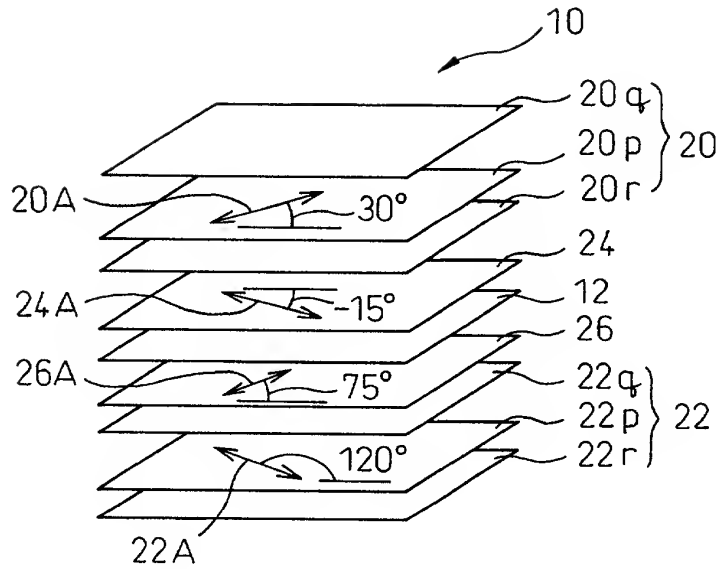
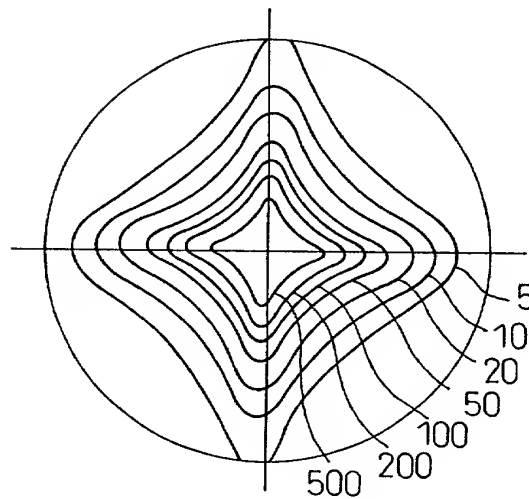


Fig.47B



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Fig.48A

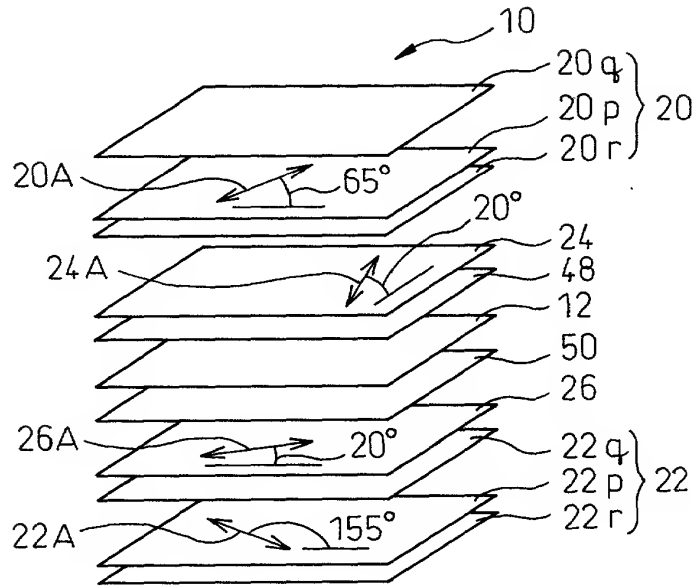


Fig.48B

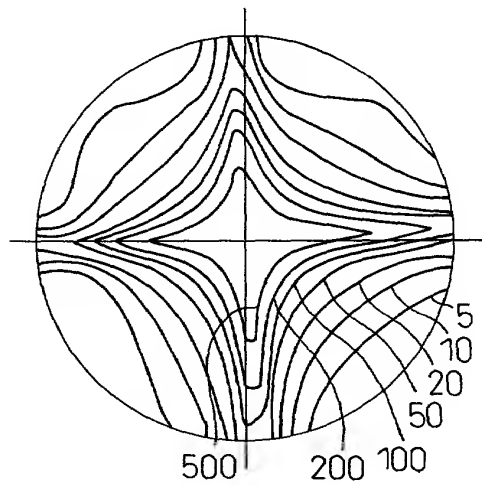
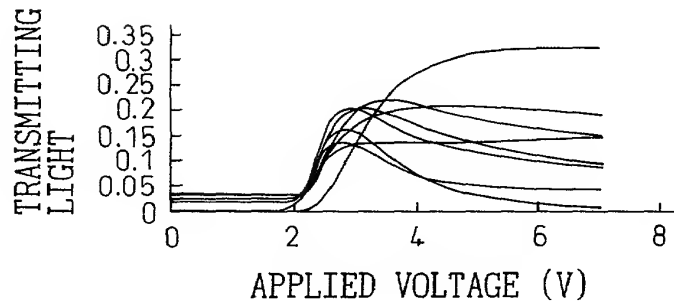


Fig.48C



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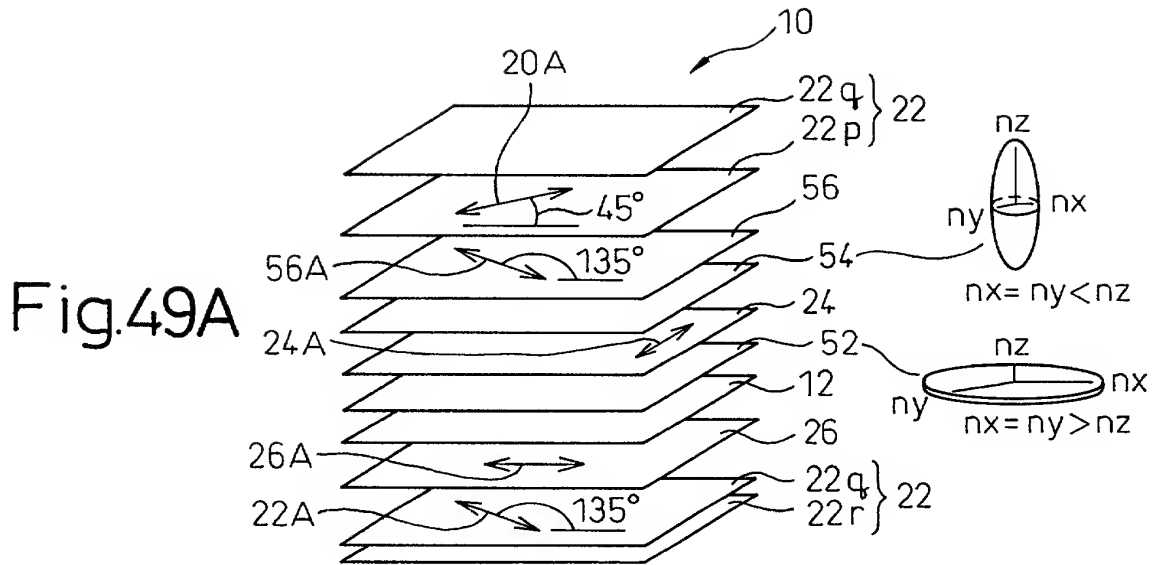


Fig.49B

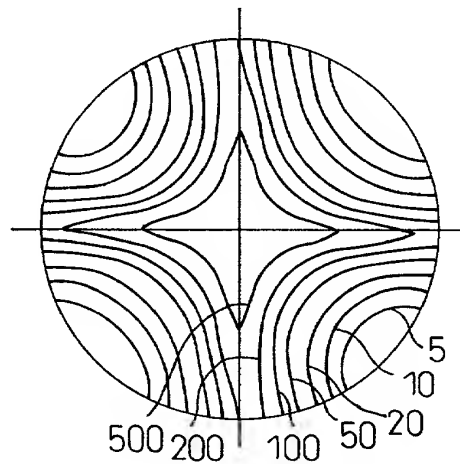
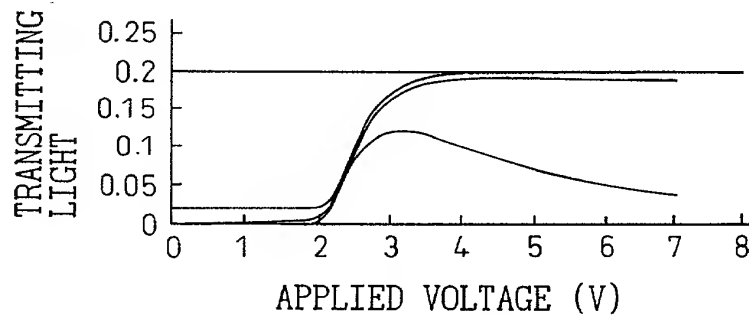


Fig.49C



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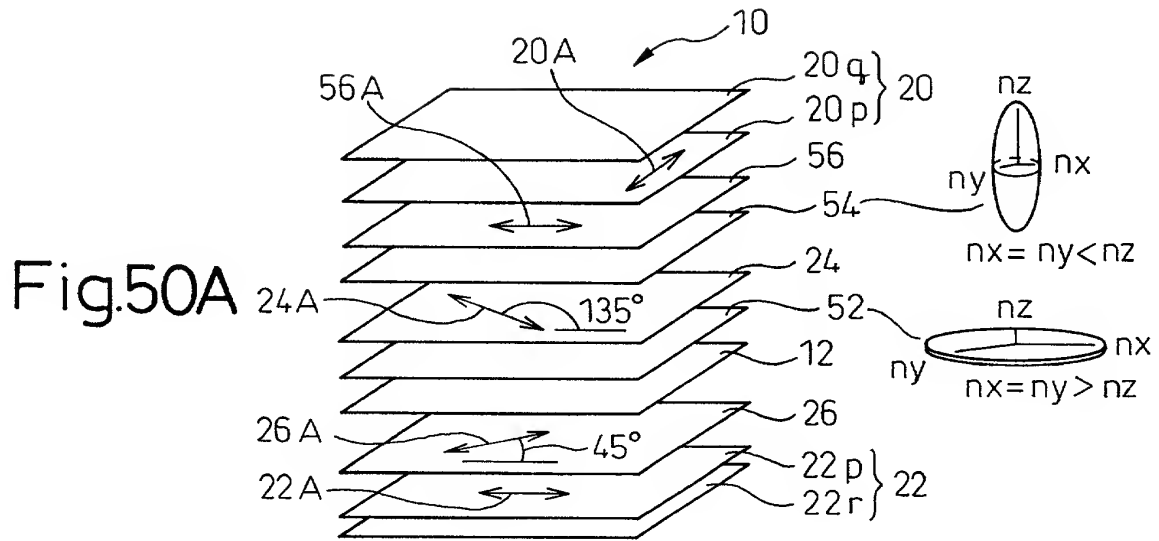


Fig.50B

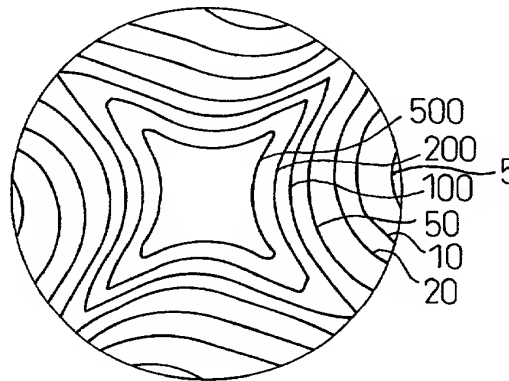
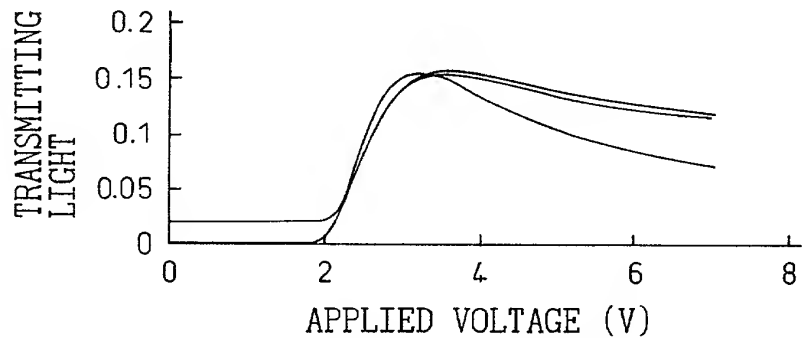


Fig.50C



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Fig.51A

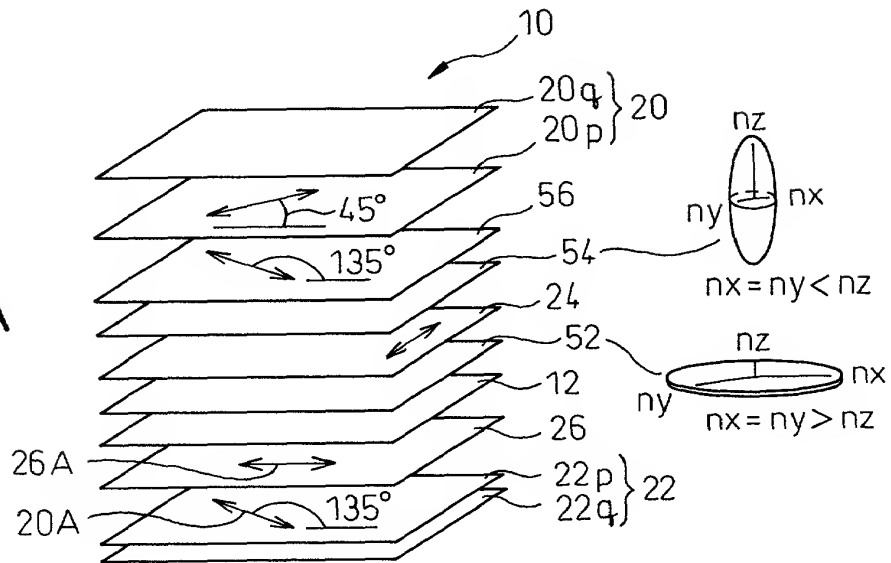


Fig.51B

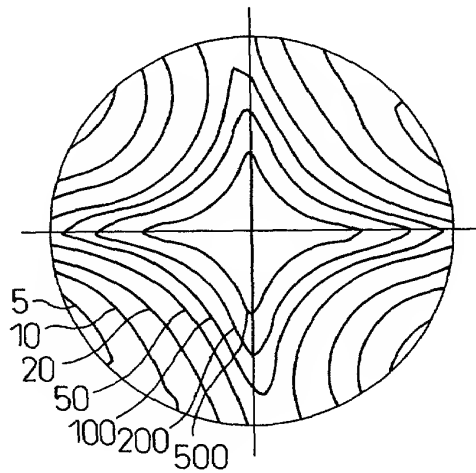
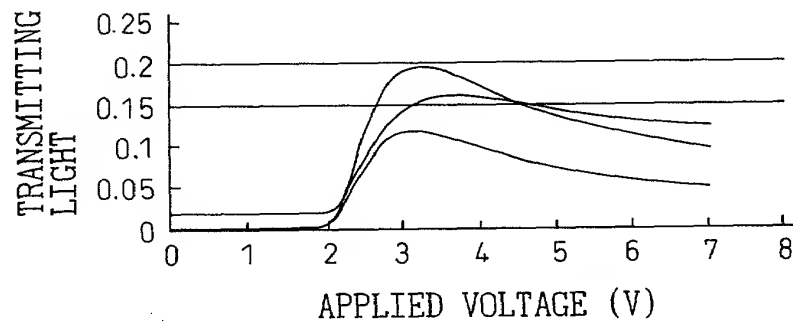


Fig.51C



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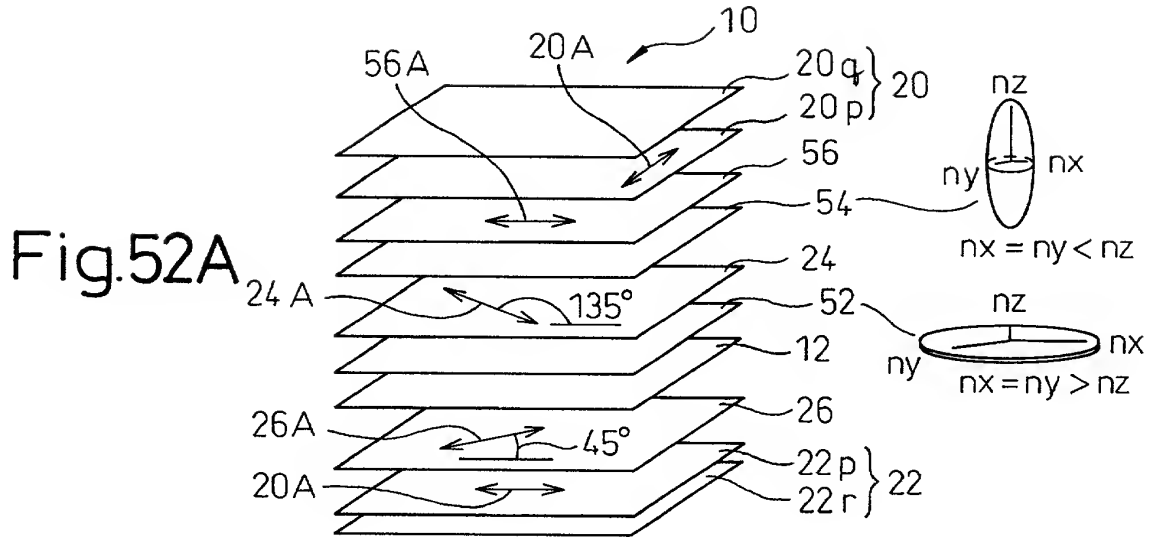


Fig.52B

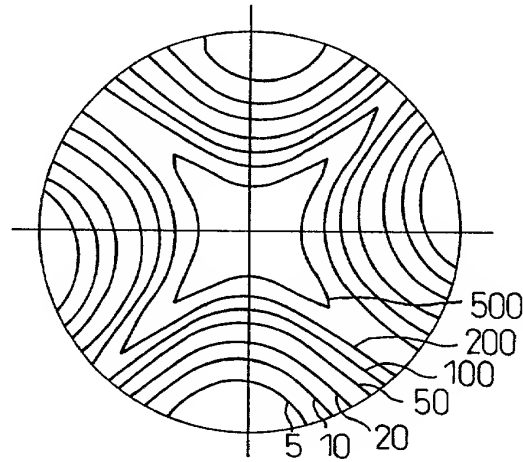
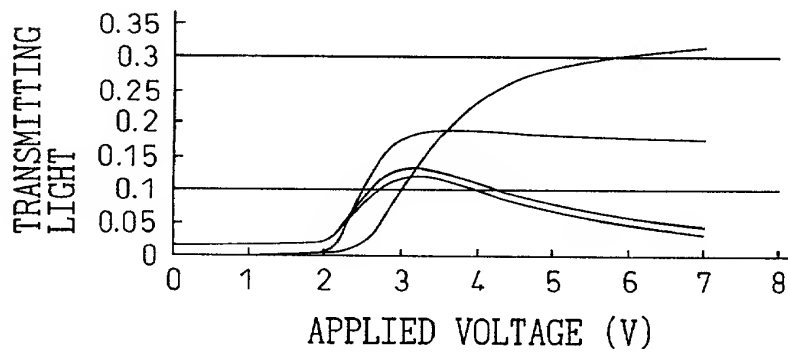


Fig.52C



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Fig.53A

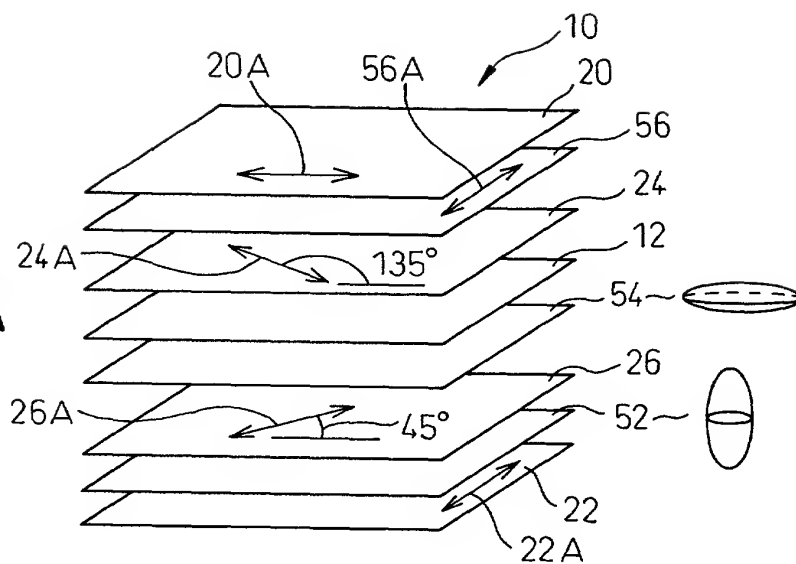
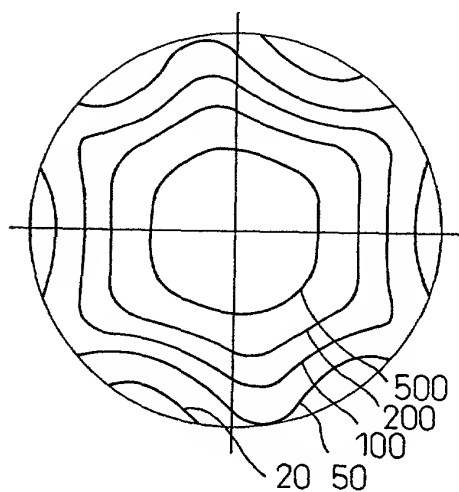


Fig.53B



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Fig.54

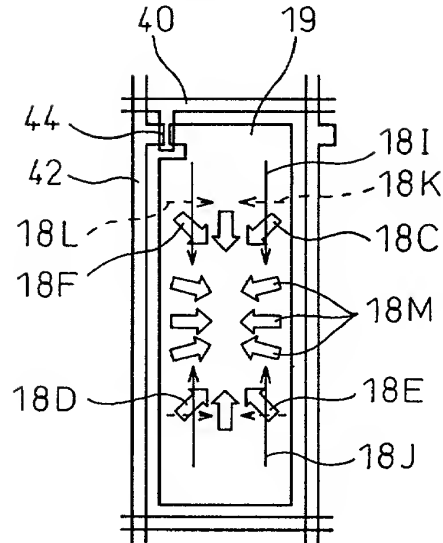
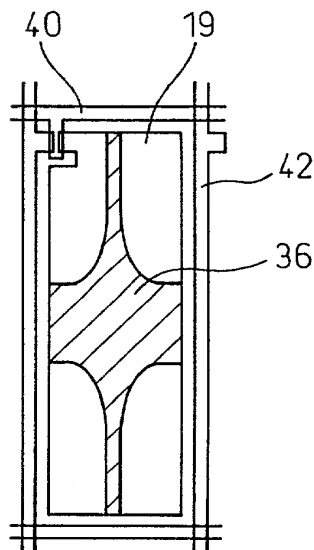


Fig.55



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Fig.56

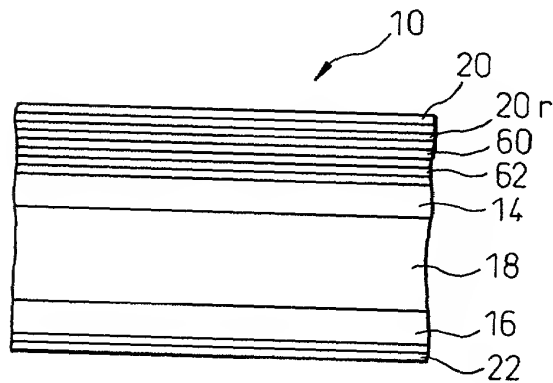


Fig.57A

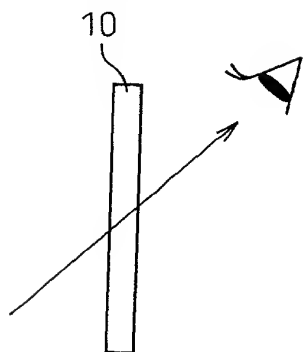
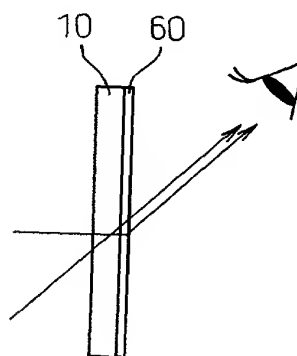


Fig.57B



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Fig.58A

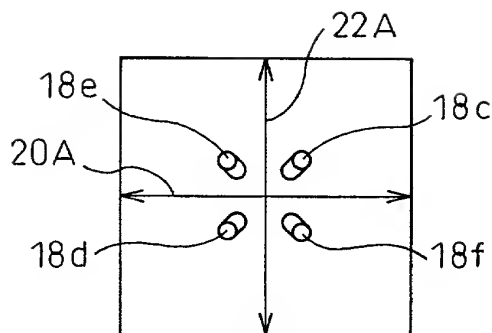


Fig.58B

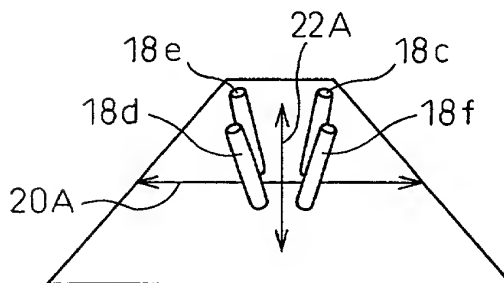
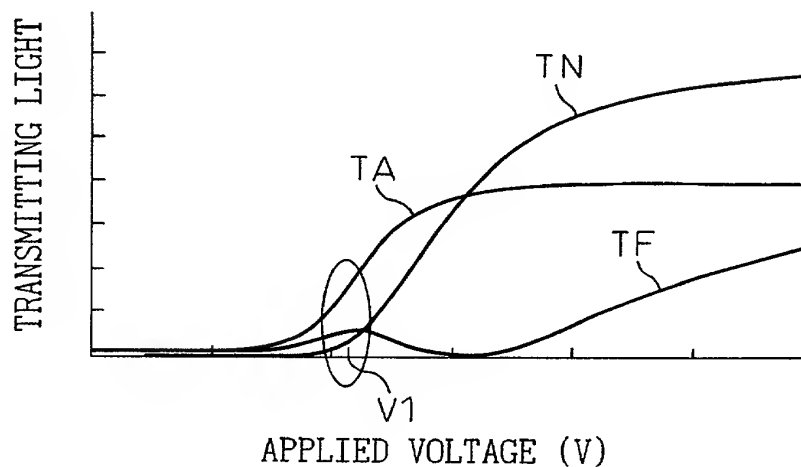


Fig.58C



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Fig.59

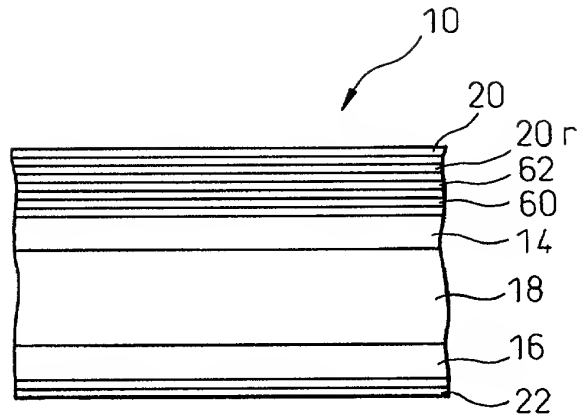
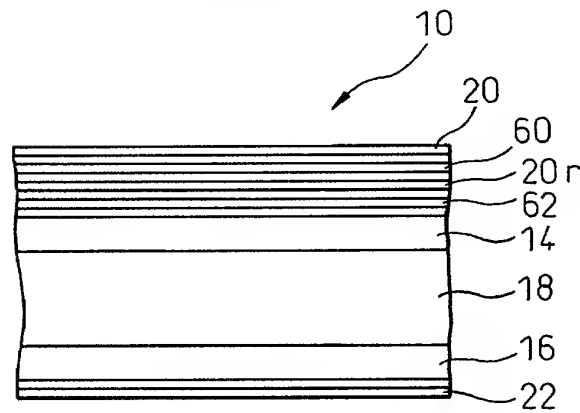


Fig.60



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Fig.61

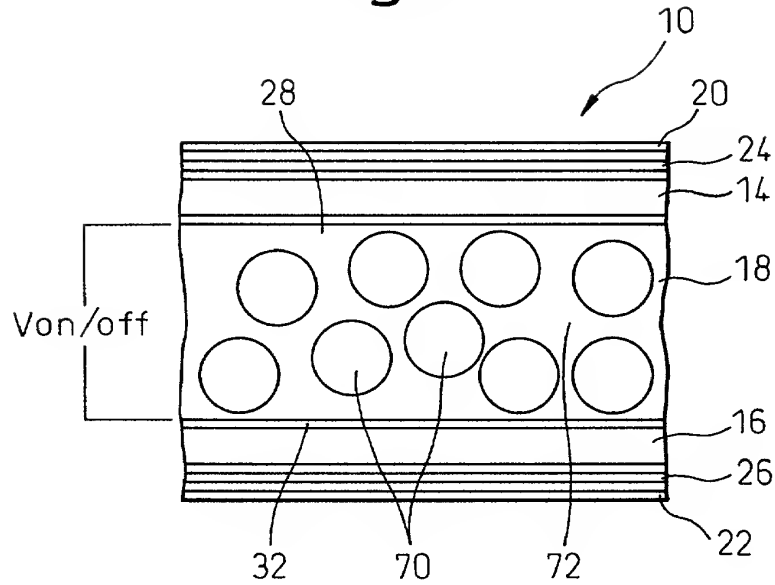
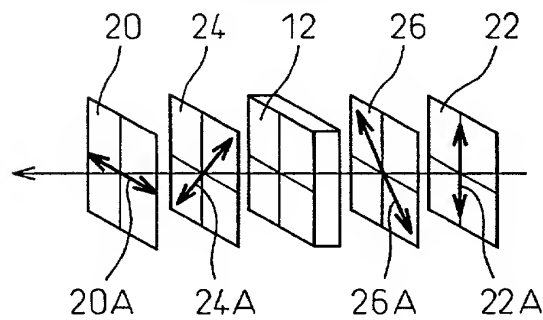


Fig.62



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Fig.63

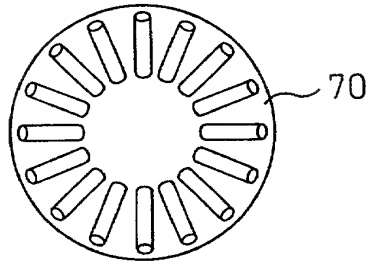


Fig.64

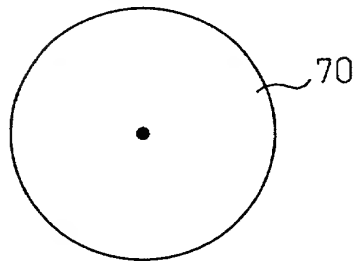
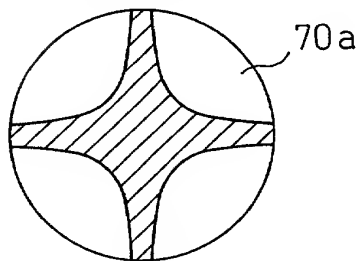


Fig.65



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Fig.66

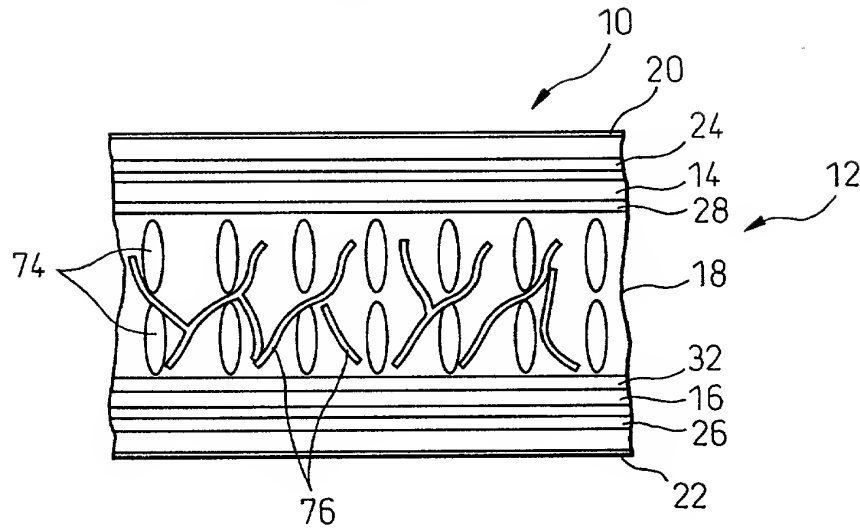
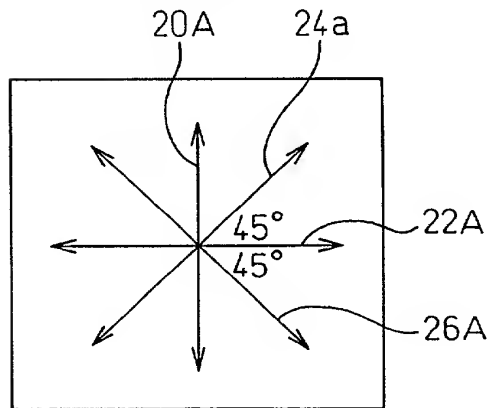


Fig.67



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Fig.68

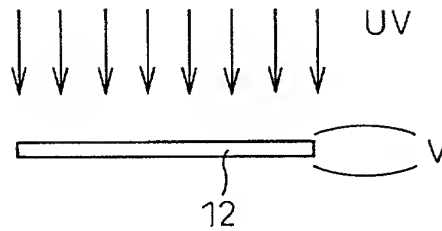
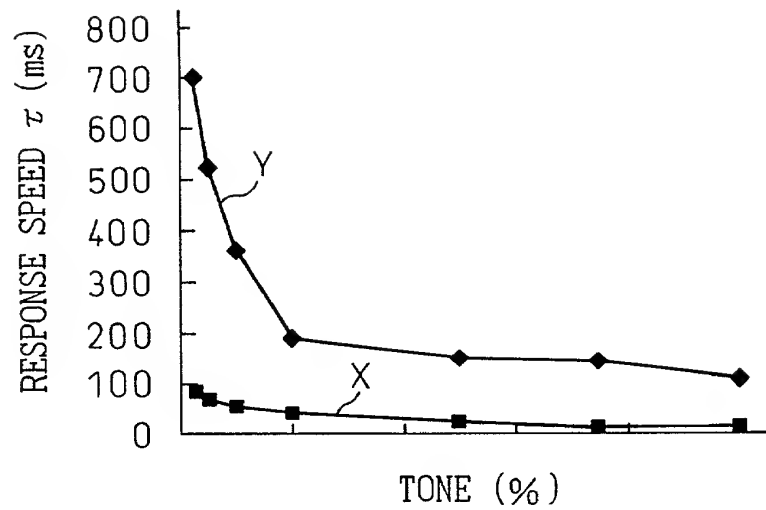


Fig.69



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Fig.70A

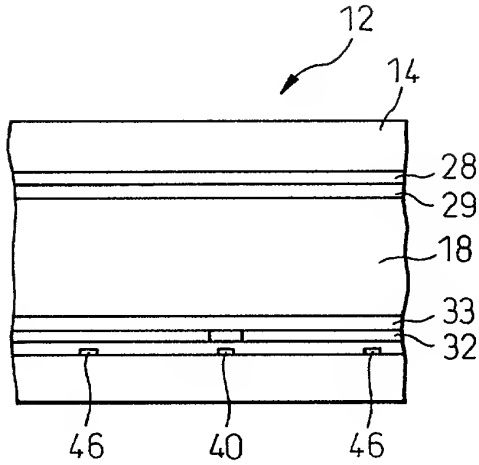


Fig.70B

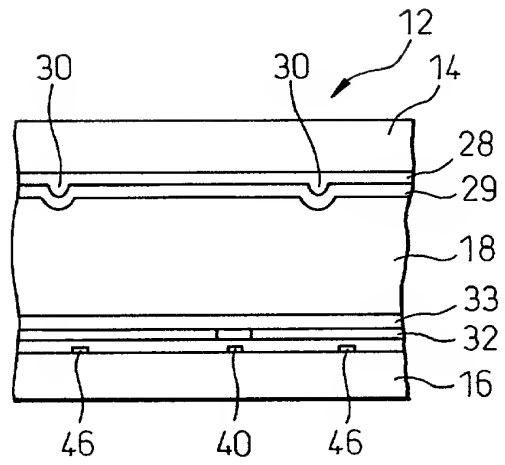


Fig.70C

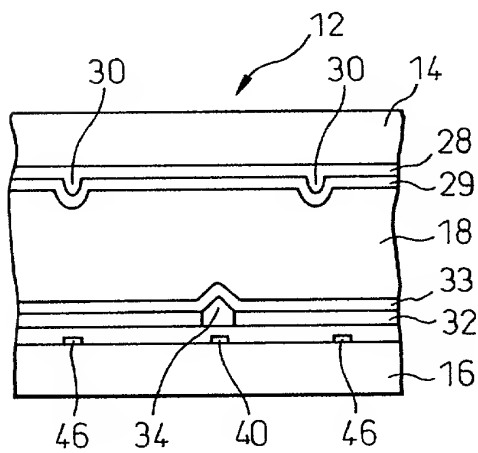
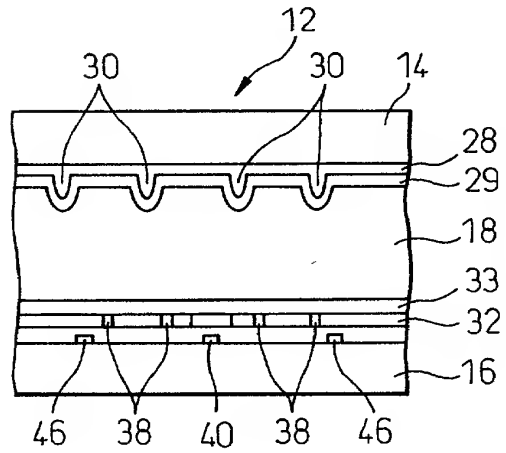


Fig.70D



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